






# 2023 Network Appliances

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# New Product Highlights

## Networking Security and Edge Server Platforms

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2U Rackmount Network Appliance Platform with Dual LGA4189 Socket 4th Gen Intel® Xeon® Scalable Processors, Intel® C741 (Sapphire Rapids) solution



- Dual CPU sockets for 4th gen Intel® Xeon® scalable processors with 60 powerful cores, up to 250W
- 16 DDR5-4400 R-DIMM for up to 1024GB of memory
- Support 4x U.2 or SATA3 flexibility storage for different applications
- Supports onboard IPMI (optional)
- Hot-Swappable PSU & FAN and front I/O for easy services
- First PCIe 5.0 ready platform

### NA721 >>Page 18

1U Rackmount Network Appliance Platform with Intel® Xeon® Processor D-1700 Family and up to 28 LAN



- Intel® Xeon® processor D-1700 family
- 6 DDR4-2933 R-DIMM/U-DIMM, up to 384GB memory
- Four 10GbE SFP+, four 2.5GbE and four 1GbE RJ-45 onboard
- 2 expandable LAN modules in support of 1GbE/10GbE/25GbE/40GbE/ Fiber/Copper/Bypass (optional)
- Supports 1U redundant power supply (optional)
- Supports IPMI (optional)
- Suitable for enterprise firewall, network bandwidth controller, and UTM applications

### NA593 >>Page 21

1U 19" Rackmount Network Appliance with 13th Gen Intel® Core™ Processor (Raptor Lake) and up to 26 LAN



- Intel® 13th gen Intel® Core™ i9/i7/i5/i3 processor (Raptor Lake)
- Intel® R680E chipset
- 4 DDR5 5600MHz ECC (By CPU) or non-ECC UDIMM, max.256GB
- 8 GbE RJ-45, 2 SFP (Intel® I350), and 2 NIC modules
- 2 pairs of LAN Bypass
- 2 USB 3.0 and 2 2.5" HDD/SSD bays
- 1 PCIe x8 FH/HL (optional), 2 x M.2 Key M, 1 x M.2 Key B and 1x PCIe Mini Card slot
- 2 smart fans

## SOHO Network Appliance

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### NA593 >>Page 39

Desktop Network Appliance Platform with Intel Atom® Processor x6425E and up to 7 LAN for VPN, 5G Edge Gateway, Firewall and UTM



- Intel Atom® x6425E processor
- 2 DDR4 SO-DIMM for up to 32GB of memory
- 2 1G SFP and 2 GbE RJ-45 (Intel® I350)
- 3 2.5G RJ-45 (MaxLinear GPY211)
- 1 M.2 Key B slot for 5G NR/LTE
- 1 M.2 Key E slot for Wi-Fi
- 1 Full-size PCI Express Mini Card slot for LTE
- 1 Half-size PCI Express Mini Card slot for Wi-Fi
- Supports two SIM sockets

# 1

## Networking Security and Edge Server Platforms

Axiomtek's networking security and edge server platform with 1U/2U rackmount form factor, enclosure management capability, flexible configurations and various combinations of Ethernet modules (1G/10G/25G/40G/Copper/Fiber/Bypass), are suitable for different environments and applications. Axiomtek's network appliances provide not only high computing performance and reliable hardware platforms, but also system development kits for software integration.

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## Network Appliances

# Networking Security and Edge Server Platforms

## Selection Guide

NEW

Coming soon



Features \ Models	NA871	NA870	NA860	
Form Factor	2U, 19" rackmount	2U, 19" rackmount	2U, 19" rackmount	
Platform	Processor	Dual 4th Gen Intel® Xeon® Scalable processors (Sapphire Rapids)	Dual 3rd Gen Intel® Xeon® Scalable processors (Ice Lake-SP)	
	Chipset	Intel® C741	Intel® C621A/C627A	Intel® C621
	Acceleration Technology	Depend on CPU	Intel® QAT (C627A)	N/A
	BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR5-4800	DDR4-3200	DDR4-2400
	Max. Capacity	1024GB	1280GB	384GB
	Socket	16x 288-pin R-DIMM	20 x 288-pin R-DIMM	12 x 288-pin R-DIMM
	ECC Support	ECC	Non-ECC/ECC	Non-ECC/ECC
Network Interface	Ethernet (default)	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps
	Ethernet (max.)	2 x 10/100/1000 Mbps	66 x 10/100/1000 Mbps	66 x 10/100/1000 Mbps
	LAN Bypass	N/A	Upon LAN module	Upon LAN module
	Controllers	Intel® i210	Intel® i210	Intel® i210
	LAN Module	2 x OCP3.0 for optional	8 x NIC slot (Dual CPUs) 4 x NIC slot (Single CPU)	8 x NIC slot (Dual CPUs) 4 x NIC slot (Single CPU)
	Storage	HDD/SSD	4 x 2.5" HDD or 4 x U.3 2.5" HDD	2 x 2.5" HDD (Hot swappable)
M.2 SSD		1 x M.2 2280 Key M slot	1 x M.2 Key M 2242/2280 slot (PCIe) 1 x M.2 Key M 2242/2280 slot (SATA)	N/A
mSATA/CF/CFast		N/A	N/A	1 x Full-Size mSATA
Button		N/A	Yes	N/A
I/O	LED Indicator	Storage, BMC	Power, HDD, GPIO programmable, Link/Act with transfer rate	Power, HDD, GPIO programmable, Link/Act with transfer rate
	USB	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0
	Console	1 x Console (USB typeC)	1 x Console (RJ-type)	1 x Console (RJ-type)
	LCM Module	N/A	Yes	Yes
	Display	1 x VGA	1 x VGA	1 x VGA
TPM	2.0	2.0	2.0	
IPMI	2.0	Optional	Optional	
Watchdog	N/A	255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass	
Power Supply	Power Type	Redundant	Redundant	Redundant
	Watts	1600W	1300W	800W
	Input	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
	Connector	Inlet C14	Inlet C14	Inlet C14
Expansion Interface	1 x PCIe x16 (optional) 4 x PCIe x8 (optional)	2 x PCIe x16 (optional, 1 slot for each CPU)	2 x PCIe x8 (optional)	
Environment	Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10% to 95% RH, non-condensing	10% to 95% RH, non-condensing	10% to 95% RH, non-condensing
Mechanical	Construction	Steel	Steel	Steel
	Dimensions (W x H x D)	88 x 430 x 450 mm (3.46" x 16.93" x 17.7")	88 x 430 x 663 mm (3.46" x 16.93" x 26.10")	88 x 430 x 562 mm (3.46" x 16.93" x 22")
	Weight (net/gross)	12 kg (26.4 lb)/20 kg (44 lb)	12 kg (26.4 lb)/20 kg (44 lb)	12 kg (26.4 lb)/20 kg (44 lb)
	OS Support	Linux Kernel	Linux Kernel	Linux Kernel
Certifications	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	

# Networking Security and Edge Server Platforms

## Selection Guide



Features \ Models		NA861	NA721	NA593
Form Factor		1U, 19" rackmount	1U, 19" rackmount	1U, 19" rackmount
Platform	Processor	2nd Gen Intel® Xeon® Scalable	Intel® Xeon® D-1700 family (Ice Lake D)	13th Gen Intel® Core™ LGA 1700 (Raptor Lake)
	Chipset	Intel® C621	SoC Integrated	Intel® R680E
	Acceleration Technology	N/A	N/A	N/A
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4-2933	DDR5-5600
	Max. Capacity	192GB	384GB	128GB
	Socket	6 x 288-pin R-DIMM	6 x 288-pin R-DIMM/U-DIMM	4 x 288-pin U-DIMM
	ECC Support	Non-ECC/ECC	Non-ECC/ECC	Non-ECC/ECC
Network Interface	Ethernet (default)	2 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps 4 x 10/100/2500 Mbps 4 x 10/100/1000/10000Mbps (by CPU)	10 x 10/100/1000 Mbps
	Ethernet (max.)	34 x 10/100/1000 Mbps	N/A	26 x 10/100/1000 Mbps
	LAN Bypass	Upon LAN module	2 pairs	2 pairs
	Controllers	Intel® i210	Intel® i350/i226	Intel® i350
	LAN Module	4 x NIC slot	2 x NIC slots	2 x NIC slot or 1 x OCP 3.0 NIC slot
Storage	HDD/SSD	2 x 2.5" HDD	2 x 2.5" HDD	2 x 2.5" HDD
	M.2 SSD	N/A	1 x M.2 2280 Key M slot	1 x M.2 2280 Key M slot
	mSATA/CF/CFast	1 x Full-Size mSATA	N/A	N/A
	Button	N/A	Yes	Yes
I/O	LED Indicator	Power, HDD, GPIO programmable, Link/Act with transfer rate	Power, HDD, GPIO programmable, Link/Act with transfer rate	Power, HDD, GPIO programmable, Link/Act with transfer rate
	USB	2 x USB 2.0	2 x USB 3.0	2 x USB 3.0
	Console	1 x Console (RJ-type)	1 x Console (RJ-type or USB type-C)	1 x Console (RJ-type or USB type-C)
	LCM Module	Yes	Yes	Yes
	Display	1 x VGA	1 x VGA (optional)	1 x HDMI, 1 x VGA (optional)
TPM	2.0	2.0	2.0	
IPMI	Optional	Optional	Optional	
Watchdog		255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass
	Power Type	Single/Redundant (optional)	Single/Redundant (optional)	Single/Redundant (optional)
Power Supply	Watts	400W	300W/400W (optional)	300W/400W (optional)
	Input	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
	Connector	Inlet C14	Inlet C14	Inlet C14
Expansion Interface	N/A	N/A	1 x PCIe x8 (optional)	
Environment	Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +45°C (+32°F to +113°F) (300W ATX power supply) 0°C to +40°C (+32°F to +104°F) (400W 1U redundant power supply)	0°C to +45°C (+32°F to +113°F) (300W ATX power supply) 0°C to +40°C (+32°F to +104°F) (400W 1U redundant power supply)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10% to 95% RH, non-condensing	10% to 95% RH, non-condensing	10% to 95% RH, non-condensing
Mechanical	Construction	Steel	Steel	Steel
	Dimensions (W x H x D)	44 x 430 x 561 mm (1.73" x 16.93" x 22")	44 x 430 x 450 mm (1.73" x 16.93" x 17.7")	44 x 430 x 450 mm (1.73" x 16.93" x 17.7")
	Weight (net/gross)	8 kg (17.6 lb)/12 kg (26.4 lb)	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)	6 kg (13.2 lb)/10 kg (22 lb)
OS Support	Linux Kernel	Linux Kernel	Linux Kernel/Windows	
Certifications	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A	

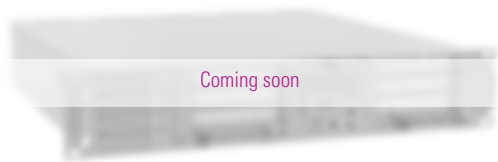




Features \ Models	NA592	NA591	NA590
Form Factor	1U, 19" rackmount	1U, 19" rackmount	1U, 19" rackmount
Platform	Processor	10th Gen Intel® Core™/Xeon® W-1200	8th/9th Gen Intel® Core™/Xeon® E
	Chipset	Intel® W480E	Intel® C246
	Acceleration Technology	N/A	N/A
BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
	Technology	DDR4-2933	DDR4-2666
Memory	Max. Capacity	128GB	128GB
	Socket	4 x 288-pin U-DIMM	4 x 288-pin U-DIMM
	ECC Support	Non-ECC/ECC	Non-ECC/ECC
Network Interface	Ethernet (default)	10 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps (H310) 8 x 10/100/1000 Mbps (C246)
	Ethernet (max.)	26 x 10/100/1000 Mbps	14 x 10/100/1000 Mbps (H310) 26 x 10/100/1000 Mbps (C246)
	LAN Bypass	2 pairs	Upon LAN module
	Controllers	Intel® i350	Intel® i210
	LAN Module	2 x NIC slot	4 x NIC slot
	Storage	HDD/SSD	2 x 2.5" HDD
M.2 SSD		1 x M.2 Key B 2242	1 x M.2 2280 Key M
mSATA/CF/CFast		N/A	1 x Full-Size mSATA
Button		Yes	N/A
I/O	LED Indicator	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate	Power, HDD, GPIO programmable, Link/Act with transfer rate
	USB	2 x USB 3.0	2 x USB 2.0
	Console	1 x Console (RJ-type)	1 x Console (RJ-type)
	LCM Module	Yes	Yes
	Display	1 x VGA (optional)	1 x VGA (optional)
TPM	2.0	2.0	2.0
IPMI	Optional	Optional	Optional
Watchdog	255 stepping for system reset 8 stepping for LAN	255 stepping for system reset 8 stepping for LAN Bypass	55 stepping for system reset 8 stepping for LAN Bypass
Power Supply	Power Type	Single/Redundant (optional)	Single/Redundant (optional)
	Watts	300W/400W (optional)	400W
	Input	100 to 240 VAC	100 to 240 VAC
	Connector	Inlet C14	Inlet C14
Expansion Interface		1 x PCIe x8 (optional) 1 x M.2 Key E 2230 (PCIe x1) 1 x M.2 Key M 2242/2280 (PCIe x4) (optional) 1 x PCIe Mini Card slot (PCIe x1 default) 1 x Nano SIM socket	1 x PCIe x4 (optional)
			1 x PCIe x8 (C246 optional)
Environment	Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +45°C (+32°F to +113°F) (300W ATX power supply) 0°C to +40°C (+32°F to +104°F) (400W 1U redundant power supply)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10% to 95% RH, non-condensing	10% to 95% RH, non-condensing
Mechanical	Construction	Steel	Steel
	Dimensions (W x H x D)	44 x 430 x 450 mm (1.73" x 16.93" x 17.7")	44 x 430 x 500 mm (1.73" x 16.93" x 19.69")
	Weight (net/gross)	6 kg (13.2 lb)/9.5 kg (21 lb)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
OS Support	Linux	Linux	Linux
Certifications	CE/FCC Class A	CE/FCC Class A	CE/FCC Class A

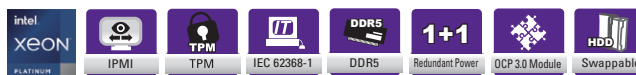
# NA871 NEW

2U Rackmount Network Appliance Platform with Dual LGA4189 Socket 4th Gen Intel® Xeon® Scalable Processors, Intel® C741 (Sapphire Rapids) solution



## Features

- Dual CPU sockets for 4th gen Intel® Xeon® scalable processors with 60 powerful cores, up to 250W
- 16 DDR5-4400 R-DIMM for up to 1024GB of memory
- Support 4x U.2 or SATA3 flexibility storage for different applications
- Supports onboard IPMI (optional)
- Hot-Swappable PSU & FAN and front I/O for easy services
- First PCIe 5.0 ready platform



## Specifications

### System

CPU	4th Generation Intel® Xeon® Scalable Processors, TDP 250W
Chipset	C741
Memory	16 x DDR5-4400 R-DIMM, up to 1024GB non-buffer
BIOS	AMI SPI Flash BIOS
Storage	1 x M.2 M Key 2280 (PCIex4 interface) 4 x U.2 or 2.5 SATA3 SSD slot for optional (front side)
Network Interface	2 x RJ-45 1GbE (Intel® i210AT)
I/O	2 x USB 3.0 1 x RJ-45 for BMC management ports 2 x 1GbE LAN ports 1 x VGA port 1 x Console (type C) 1 x Reset button 1 x power button w/LED 2 x LED /storagex1 (SATA PCIe green/BMC blue)
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2600, IPMI 2.0 for option
Expansion Interface	1 x PCIe x16 FHFL Dual-width for GPU 1 x ePCIe x16 FHHL + Two PCIe x8 HHHL
Power Supply	Redundant (1+1) 1600W CRP
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	2U rackmount
LED	2 x LED (HDD/BMC)
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 450 mm (17.71") (D)
Weight (net/gross)	14 kg (30.78 lb)/20 kg (44 lb)
Certifications	CE/FCC Class A

### Ordering Information

P/N	CPU	PCH	DDR4 Slot	1Gbe LAN Port	LAN Bypass	TPM2.0	NIC Slot	PCIe Expansion	Power
E26E871100	4th gen Intel® Xeon® scalable processors (Sapphire Rapids)	C741	16	2 x 1GbE in default	N/A	Yes	2 x OCP 3.0 for optional	1 x PCIe x16 FHFL Dual-width for GPU 1 x e PCIe x16 FHHL + Two PCIe x8 HHHH (optional)	1600W redundant power supply

### Optional Accessories

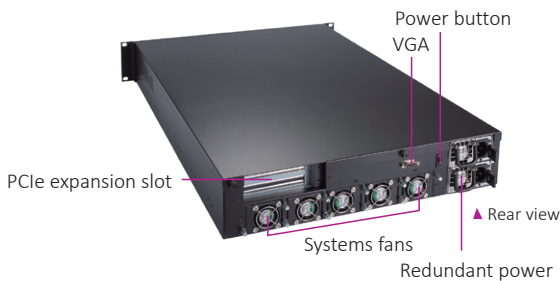
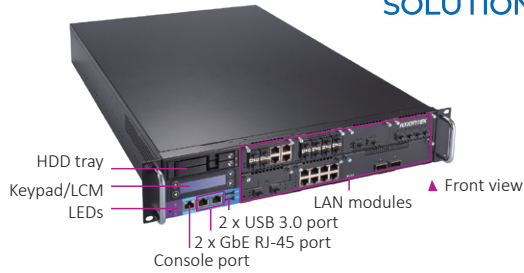
59906000010E	Power Cord YP-12/YC-12(Japan)
59903000000E	POWER CORD YP-22/YC-12 (Europe)
59905000000E	POWER CORD YP-35/YC-12 (Australia)
59904010000E	Power Cord/UK YP-61A/YC-12 L=1830mm

### Optional NIC Modules

P/N	Description
E393316109	TBD

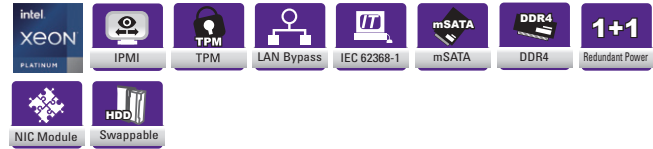
# NA870

2U Rackmount Network Appliance Platform with Dual LGA4189 Socket 3rd Gen Intel® Xeon® Scalable Processors, Intel® C621A /627A, and up to 66 LAN



## Features

- Dual CPU sockets for 3rd gen Intel® Xeon® Scalable processors with 8 to 40 powerful cores, up to 270W
- 20 DDR4-3200 R-DIMM for up to 1280GB of memory
- 8 expandable LAN modules in support of 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 100Gb Ethernet module with Intel® Ethernet controller E810 (AX93357/AX93358)
- First PCIe 4.0 ready platform
- Supports onboard IPMI (optional)
- Intel® Crypto Acceleration (Intel® C627A)



## Specifications

### System

CPU	Dual LGA4189 socket 3rd gen Intel® Xeon® Scalable processors (Ice Lake-SP), up to 270W
Chipset	Intel® C621A (default) Intel® C627A (by project)
Memory	20 x DDR4-3200 R-DIMM, up to 1280GB non-buffer
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD hot swappable 1 x M.2 Key M 2242/2280 (PCIe) 1 x M.2 Key M 2242/2280 (PCIe/SATA)
Network Interface	2 x GbE RJ-45 (Intel® I210) Single CPU: 4 x LAN module (optional), up to 34 LAN ports Dual CPU: 8 x LAN module (optional), up to 66 LAN ports
I/O	1 x Console (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for option
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion Interface	2 x PCIe x16 (optional, 1slot 1/ CPU0, slot 2/ CPU1) through riser card AX93350
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1300W 2U redundant power supply
OS Compatibility	Linux

## Mechanical/ Environmental

Form Factor	2U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F) for Intel® C621A 5°C to +40°C (+41°F to +104°F) for Intel® C627A
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 663 mm (26.10") (D)
Weight (net/gross)	14 kg (30.78 lb)/20 kg (44 lb)
Certifications	CE/FCC Class A

## Ordering Information

P/N	CPU	PCH	DDR4 Slot	1Gbe LAN Port	LAN Bypass	TPM2.0	NIC Slot	PCIe Expansion	Power
E26E870100	3rd gen Intel® Xeon® scalable processors	C621A	20	2 x 1GbE in default	N/A	Yes	Up to 8	2 x PCIe x16 through riser card AX93350	1300W redundant power supply

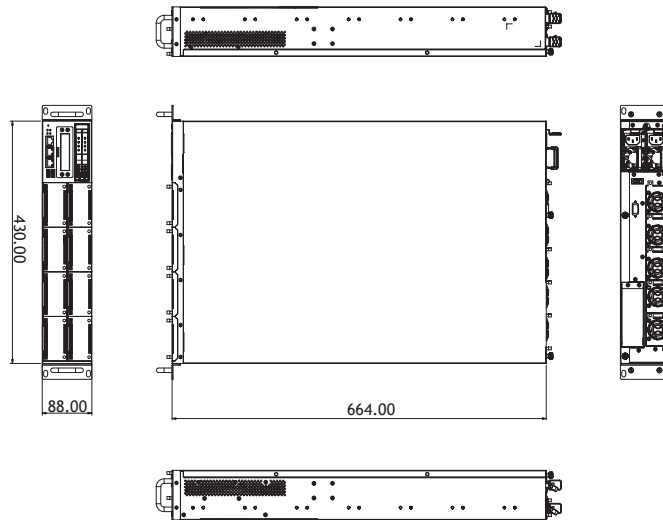
## Optional Accessories

826E8700010E	NA870 Riser Card Kit For 1 Slot
826E8700020E	NA870 Riser Card Kit For 2 Slots
5916E552000E	DB9F- RJ45 1.8M Console cable For Cisco
59906000010E	Power Cord YP-12/YC-12(Japan)
59903000000E	Power Cord YP-22/YC-12 (Europe)
59905000000E	Power Cord YP-35/YC-12 (Australia)
59904010000E	Power Cord/UK YP-61A/YC-12 L=1830mm

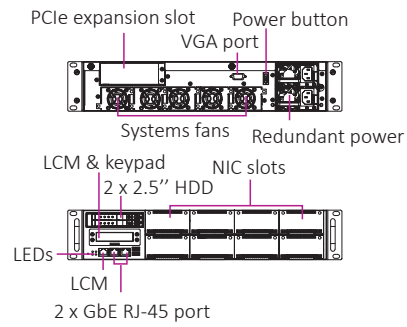
## Optional NIC Modules

P/N	Description
E393316109	AX93316-8GI-i350 with LAN tray
E393322102	AX93322-8FI-350 with LAN tray
E393322103	AX93322-8MIL-350 with LAN Tray
E393336102	AX93336-4GIL-i350 2 LBP with LAN tray
E393336103	AX93336-4FI-i350 with LAN tray
E393307100	AX93307-2FI 10G 82599ES with LAN tray
E393327101	AX93327-4FI 10G XL710 with LAN tray
E393331100	AX93331-2QFI Dual-port 40GbE with LAN tray
E393332100	AX93332-25FI Dual-port 25GbE with Tray
E393358100	AX93358-HFI 2X100G E810 (2 x PCIe x8 front)
E393357100	AX93357-HFI 2X100G NIC E810 (PCIe x16) through AX93350

## Dimensions

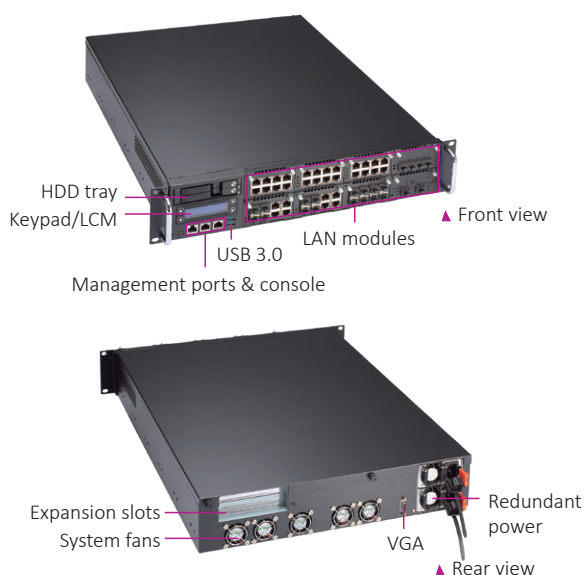


### I/O Mechanical Layout /Drawing



# NA860

2U Rackmount Network Appliance Platform with Dual LGA3647 Socket Intel® Xeon® Scalable Processors, Intel® C621 (Purley) and up to 66 LAN



## Features

- Dual LGA3647 socket Intel® Xeon® Scalable processors
- 12 DDR4-2400 R-DIMM for up to 384GB of memory
- Max. up to 66 LAN ports
- 8 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- Supports IPMI (onboard) for optional
- Supports onboard TPM
- High computing power for SDN, NGFW, IDS, IPS and UTM applications



## Specifications

### System

CPU	Dual LGA3647 socket Intel® Xeon® Scalable processors (Cascade Lake/Skylake)
Chipset	Intel® C621
Memory	12 x DDR4-2400 R-DIMM, up to 384GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD hot swappable 1 x mSATA
Network Interface	2 x GbE RJ-45 (Intel® i210) Single CPU: 4 x LAN module (optional), max. up to 34 LAN ports Dual CPU: 8 x LAN module (optional), max. up to 66 LAN ports
I/O	1 x Console (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion Interface	2 x PCIe x8 through AX96709 riser card (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	800W 2U redundant power supply
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	2U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 562 mm (22.12") (D)
Weight (net/gross)	12 kg (26.4 lb)/20 kg (44 lb)
Certifications	CE/FCC Class A

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## Ordering Information

### Standard

NA860-R2GI-C621-US (P/N: E26E860100)	2U rackmount appliance with dual LGA3647 socket Intel® Xeon® Scalable processors and 2 GbE LAN
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### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

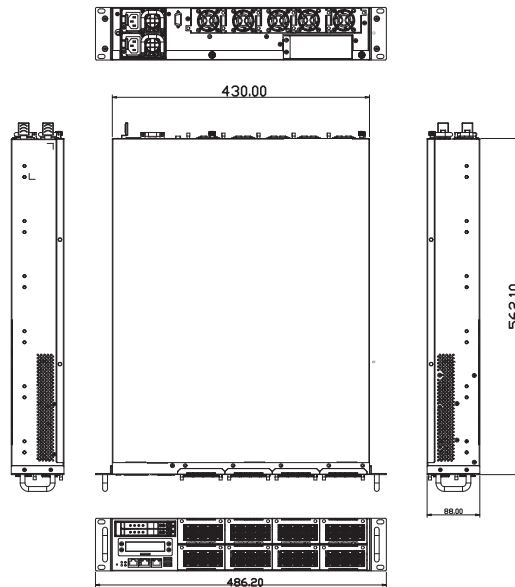
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## Packing List

1 x SATA cable  
1 x Power cord

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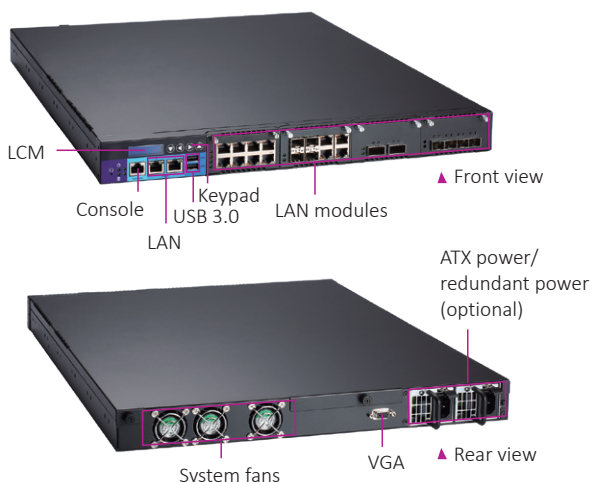
## Dimensions





# NA861

1U Rackmount Network Appliance Platform with LGA3647 Socket Intel® Xeon® Scalable Processor, Intel® C621 (Purley) and up to 34 LAN



## Features

- LGA3647 socket Intel® Xeon® Scalable processor
- 6 DDR4-2400 R-DIMM for up to 192GB of memory
- Max. up to 34 LAN ports
- 4 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply
- Supports IPMI for optional
- Supports onboard TPM
- High computing power for SDN, NGFW, IDS, IPS and UTM applications



## Specifications

### System

CPU	LGA3647 socket Intel® Xeon® Scalable processors (Cascade Lake/Skylake)
Chipset	Intel® C621
Memory	6 x DDR4-2400 R-DIMM, up to 192GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x Full-size mSATA
Network Interface	2 x GbE RJ-45 (Intel® i210) Single CPU: 4 x LAN module (optional), max. up to 34 LAN ports
I/O	1 x Console (RJ-type) 2 x USB 2.0 2 x RJ-45 1 x VGA
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion Interface	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	400W 1U redundant power supply
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.92") (W) x 561 mm (22") (D)
Weight (net/gross)	8 kg (17.6 lb)/12 kg (26.4 lb)
Certifications	CE/FCC Class A

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## Ordering Information

### Standard

NA861-R2GI-US with Redn power (P/N: E26E861100)	1U rackmount appliance with Intel® Xeon® Scalable processor, 2 GbE LAN and redundant power
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NA861-R2GI-US with Single power (P/N: E26E861101)	1U rackmount appliance with single Intel® Xeon® Scalable processor, 2 GbE LAN and single power
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### Optional

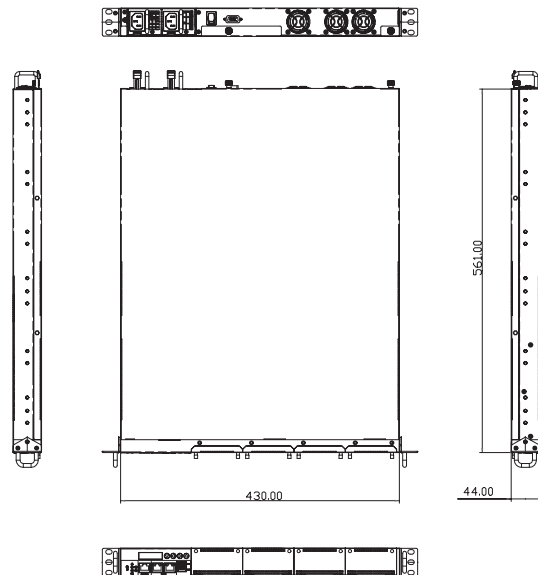
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

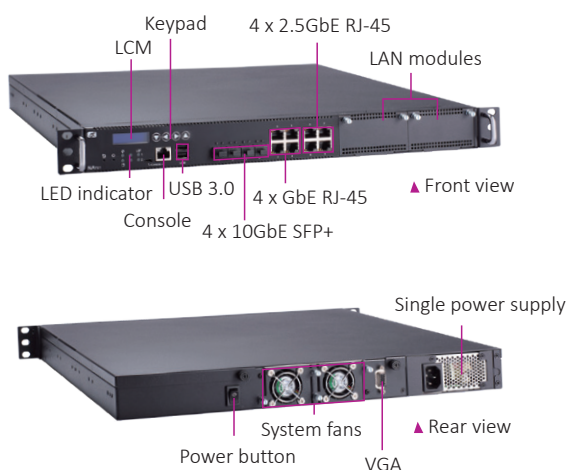
1 x SATA cable  
1 x Power cord

## Dimensions



# NA721 NEW

1U Rackmount Network Appliance Platform with Intel® Xeon® Processor D-1700 Family and up to 28 LAN



## Features

- Intel® Xeon® processor D-1700 family
- 6 DDR4-2933 R-DIMM/U-DIMM, up to 384GB memory
- Four 10GbE SFP+, four 2.5GbE and four 1GbE RJ-45 onboard
- 2 expandable LAN modules in support of 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass (optional)
- Supports 1U redundant power supply (optional)
- Supports IPMI (optional)
- Suitable for enterprise firewall, network bandwidth controller, and UTM applications



## Specifications

### System

CPU	Intel® Xeon® processor D-1700 family (Ice Lake D)
Chipset	SoC Integrated
Memory	6 x DDR4-2933 R-DIMM/U-DIMM, up to 384GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD/SSD bay 1 x M.2 Key M 2280 slot
Network Interface	4 x 2.5 GbE and 4 x 1GbE RJ45 4 x 10GbE SFP+ 2 x LAN module, up to 28 LAN ports (optional)
I/O	1 x Console (RJ-type) 2 x USB 3.0 8 x RJ-45 + 4 x SFP+ 1 x VGA (optional)
TPM	Onboard TPM 2.0 (optional)
IPMI	Onboard BMC AST2500, IPMI 2.0 (optional)
Other Features	LAN Bypass function through latch relay (2 pairs)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300W ATX power supply 400W 1U redundant power supply (optional)
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C to +45°C (+32°F to +113°F)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.1") (D)
Weight	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	CE/FCC Class A

## Ordering Information

Standard (P/N)	CPU	DDR4 Slot	2.5GbE LAN Port	10GbE LAN Port	1GbE LAN Port	LAN Bypass	TPM 2.0	NIC Slot	Power
NA721-A (P/N: E26E721100)	Intel® Xeon® processor D-1700 family	4	4 x RJ-45	4 x SFP+	4 x RJ-45	2 pairs	Yes	2	AC single 300W
NA721-B (P/N: E26E721101)	Intel® Xeon® processor D-1700 family	4	4 x RJ-45	4 x SFP+	4 x RJ-45	2 pairs	Yes	2	AC redundant 400W

## Optional Accessories

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
594E8602000E	VGA cable IDC 16P 2.0/D_SUB 15P L:37cm
59906000010E	Power cord YP-12/YC-12 (Japan)
59903000000E	Power cord YP-22/YC-12 (Europe)
59905000000E	Power cord YP-35/YC-12 (Australia)
59904010000E	Power cord/UK YP-61A/YC-12 L=1830mm

## Optional NIC Modules

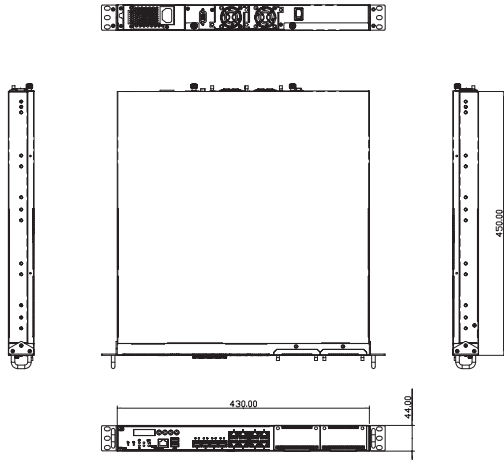
E393316109	AX93316-8GI-i350 with LAN tray
E393322102	AX93322-8FI-350 with LAN tray
E393322103	AX93322-8MIL-350 with LAN tray
E393336102	AX93336-4GIL-i350 2 LBP with LAN tray
E393336103	AX93336-4FI-i350 with LAN tray
E393307100	AX93307-2FI 10G 82599ES with LAN tray
E393327101	AX93327-4FI 10G XL710 with LAN tray
E393331100	AX93331-2QFI dual-port 40GbE with LAN tray
E393332100	AX93332-25FI dual-port 25GbE with LAN tray

If you need more NIC modules information, please contact our sales representative.

## Dimensions

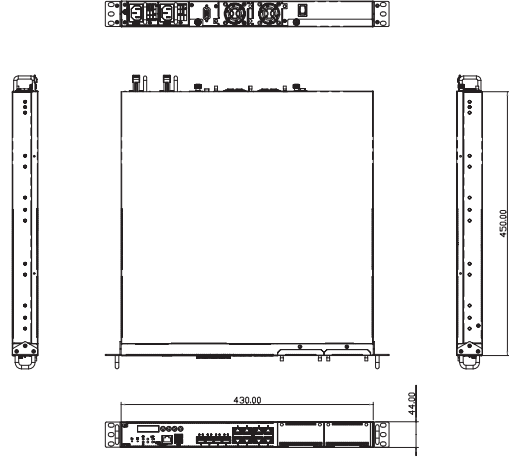
NA721-A

unit: mm

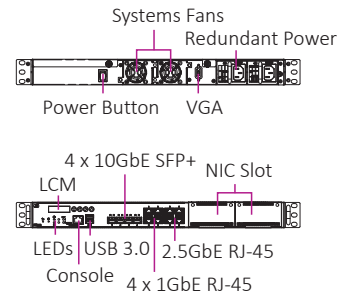
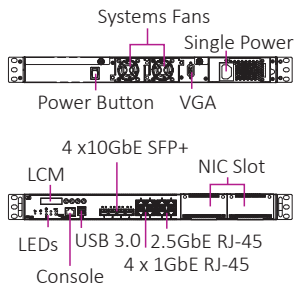


NA721-B

unit: mm

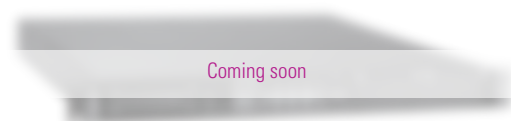


### I/O Mechanical Layout /Drawing



# NA593 NEW

1U 19" Rackmount Network Appliance with 13th Gen Intel® Core™ Processor (Raptor Lake) and up to 26 LAN



## Features

- Intel® 13th gen Intel® Core™ i9/i7/i5/i3 processor (Raptor Lake)
- Intel® R680E chipset
- 4 DDR5 5600MHz ECC (By CPU) or non-ECC UDIMM, max.256GB
- 8 GbE RJ-45, 2 SFP (Intel® I350), and 2 NIC modules
- 2 pairs of LAN Bypass
- 2 USB 3.0 and 2 2.5" HDD/SSD bays
- 1 PCIe x8 FH/HL (optional), 2 x M.2 Key M, 1 x M.2 Key B and 1x PCIe Mini Card slot
- 2 smart fans



## Specifications

### System

CPU	Intel® 13th gen Intel® Core™ i9/i7/i5/i3 processor (Raptor Lake)
Chipset	R680E
Memory	4 DDR5 5600MHz ECC (By CPU) or non-ECC UDIMM, max.256GB
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD/SSD bays 1 x M.2 2242 Key M slot (PCIe x4)
Network Interface	8 x GbE RJ-45 & 2 x SFP (Intel® I350) 2-pair LAN Bypass 2 x NIC module through EIO153 board (optional)
I/O	1 x Console (RJ-45 or USB type C) 2 x USB 3.0 1 x LCM with 4 keypads 1 x HDMI
TPM	Onboard TPM 2.0
IPMI	BMC AST2600, IPMI 2.0 (optional)
Expansion Interface	1 x M.2 Key B 3052 w/ Nano SIM for 5G (PCIex2 in default) 1 x M.2 Key M 2242/2280 for AI card & NVMe (through riser card EIO151/153 ) 1 x PCIe Mini Card slot Support 1 x PCIe x8(rear side) through EIO150 riser card (optional) Support 2x NIC slot through EIO153 riser card (optional) Support 1x OCP 3.0 NIC slot through EIO151 riser card (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300W single power supply 400W 1U redundant power supply
OS Compatibility	OS Compatibility

## Mechanical/ Environmental

Form Factor	1U 19" rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% to 90% RH, non-condensing
Chassis Material	SECC
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.7") (D)
Weight (net/gross)	6.0 kg/9.5 kg (single power) 7.3 kg/10.8 kg (redundant power)
Certifications	CE/FCC Class A

## Ordering Information

Standard (P/N)	CPU	PCH	DDR4 Slot	1GbE LAN Port	LAN Bypass	IPMI	TPM 2.0	NIC Slot	PCIe Expansion	Power
NA593-R680E-A (P/N: E26E593100)	13th gen Intel® Core™ processor	R680E	4	8RJ+2SFP	2 pairs	optional, by project	Yes	Optional	1 x PCIe x8 (optional and, only supports 1 NIC slot)	AC single 300W
NA593-R680E-B (P/N: E26E593101)	13th gen Intel® Core™ processor	R680E	4	8RJ+2SFP	2 pairs	optional, by project	Yes	Optional	1 x PCIe x8 (optional and, only supports 1 NIC slot)	AC redundant 400W

## Optional Accessories

TBD	EIO153 (PCIe gen 5.0 x16) for supporting 2x NIC slot
TBD	EIO153 (PCIe gen 5.0 x16) for supporting 1x OCP 3.0 slot
TBD	EIO150 (PCIe gen 5.0 x8) for rear side PCIe x8 expansion
5916E552000E	DB9F-RJ-45, 1.8M console cable for Cisco
594E8602000E	VGA cable IDC 16P 2.0/D_SUB 15P, L: 37cm
59906000010E	Power cord YP-12/YC-12 (Japan)
59903000000E	Power cord YP-22/YC-12 (Europe)
59905000000E	Power cord YP-35/YC-12 (Australia)
59904010000E	Power cord/UK YP-61A/YC-12, L = 1830 mm

## Optional NIC Modules

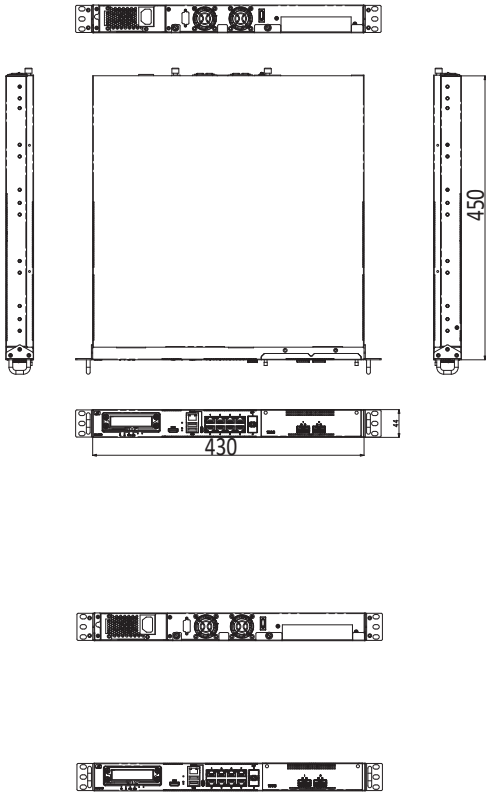
E393316109	AX93316-8GI-i350 with LAN tray
E393322102	AX93322-8FI-350 with LAN tray
E393322103	AX93322-8MIL-350 with LAN tray
E393336102	AX93336-4GIL-i350 2 LBP with LAN tray
E393336103	AX93336-4FI-i350 with LAN tray
E393307100	AX93307-2FI 10G 82599ES with LAN tray
E393327101	AX93327-4FI 10G XL710 with LAN tray
E393331100	AX93331-2QFI dual-port 40GbE with LAN tray
E393332100	AX93332-25FI dual-port 25GbE with LAN tray

If you need more NIC modules information, please contact our sales representative.

## Dimensions

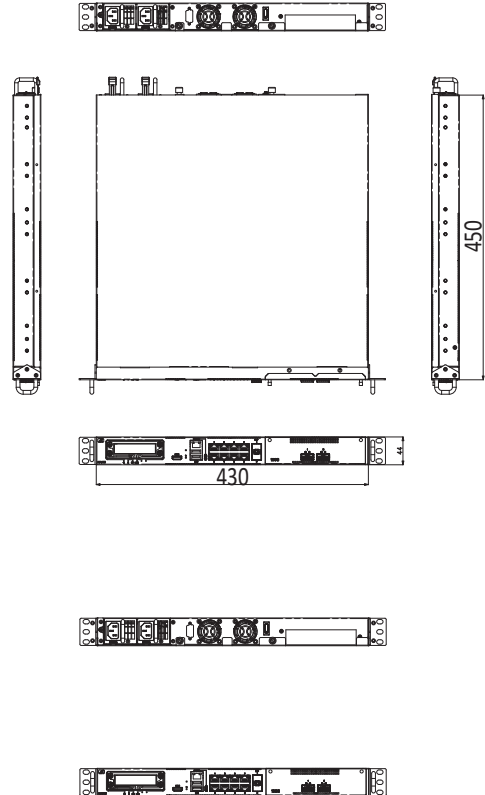
### ATX Power

unit: mm



### Redundant Power

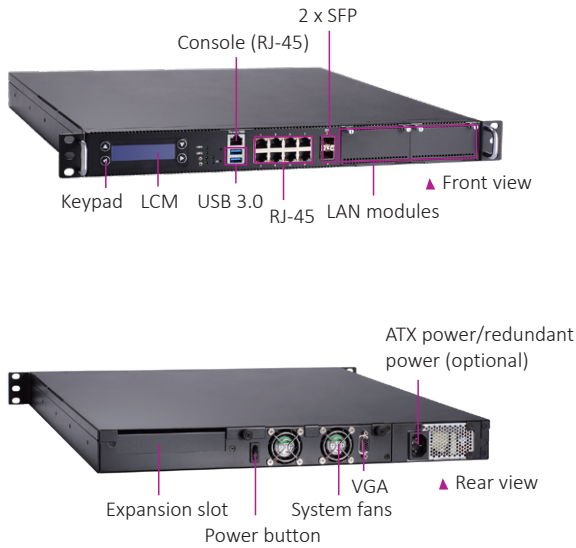
unit: mm





# NA592

1U 19" Rackmount Network Appliance with Intel® Xeon® W-1200 or 10th Gen Intel® Core™ Processor (Comet Lake) and up to 26 LAN



## Features

- Intel® Xeon® W-1200 or 10th gen Intel® Core™ i9/i7/i5/i3 processor
- Intel® W480E chipset
- 4 DDR4 2933MHz ECC (By CPU) or non-ECC UDIMM, up to 128GB
- 8 GbE RJ-45, 2 SFP (Intel® I350), and 2 NIC modules
- 2 pairs of LAN Bypass
- 2 USB 3.0 and 2 2.5" HDD/SSD bays
- 1 PCIe x8 FH/HL (optional), 3 M.2 Key B/E/M, 1 PCIe Mini Card slot
- 2 smart fans



## Specifications

### System

CPU	Intel® Xeon® W-1200 or 10th gen Intel® Core™ i9/i7/i5/i3 processor (Comet Lake)
Chipset	Intel® W480E
Memory	4 x DDR4 2933MHz ECC (By CPU) or non-ECC UDIMM, up to 128GB
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD/SSD bays 1 x M.2 Key B 2242 slot (SATA)
Network Interface	8 x GbE RJ-45 and 2 x SFP (Intel® I350) 2-pair LAN Bypass 2 x NIC module through AX98621 I/O board (optional)
I/O	1 x Console (RJ-45) 2 x USB 3.0 1 x LCM with 4 keypads 1 x VGA (optional)
TPM	Onboard TPM 2.0
IPMI	BMC AST2500, IPMI 2.0 (optional)
Expansion Interface	1 x PCIe x8 through AX96708 riser card (optional) 1 x M.2 Key E 2230 (PCIe x1) 1 x M.2 Key M 2242/2280 (PCIe x4) through AX98621 I/O board (optional) 1 x PCIe Mini Card slot (PCIe x1 in default, SATA by BOM option) 1 x Nano SIM socket
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300W single power supply 400W 1U redundant power supply
OS Compatibility	OS Compatibility

## Mechanical/ Environmental

Form Factor	1U 19" rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% to 90% RH, non-condensing
Chassis Material	SECC
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.7") (D)
Weight (net/gross)	6.0 kg/9.5 kg (single power) 7.3 kg/10.8 kg (redundant power)
Certifications	CE/FCC Class A

## Ordering Information

Standard (P/N)	CPU	PCH	DDR4 Slot	1GbE LAN Port	LAN Bypass	IPMI	TPM 2.0	NIC Slot	PCIe Expansion	Power
NA592-480E-A (P/N: E26E592100)	Intel® Xeon® W-1200 or 10th gen Intel® Core™	W480E	4	8RJ+2SFP	2 pairs	Optional, by project	Yes	Optional	1 x PCIe x8 (optional, only supports 1 NIC slot)	AC single 300W
NA592-480E-B (P/N: E26E592101)	Intel® Xeon® W-1200 or 10th gen Intel® Core™	W480E	4	8RJ+2SFP	2 pairs	Optional, by project	Yes	Optional	1 x PCIe x8 (optional, only supports 1 NIC slot)	AC redundant 400W

## Optional Accessories

83986211050E	AX98621, I/O board for 2 NIC slots and M.2 SFP
83967081000E	AX96708, riser card for PCIe x8 (rear)
83986211060E	AX98621, I/O board for 1 NIC slot, M.2, and 1 PCIe x8 slot
5916E552000E	DB9F-RJ-45, 1.8M console cable for Cisco
594E8602000E	VGA cable IDC 16P 2.0/D_SUB 15P, L: 37cm
59906000010E	Power cord YP-12/YC-12 (Japan)
59903000000E	Power cord YP-22/YC-12 (Europe)
59905000000E	Power cord YP-35/YC-12 (Australia)
59904010000E	Power cord/UK YP-61A/YC-12, L = 1830 mm

## Optional NIC Modules

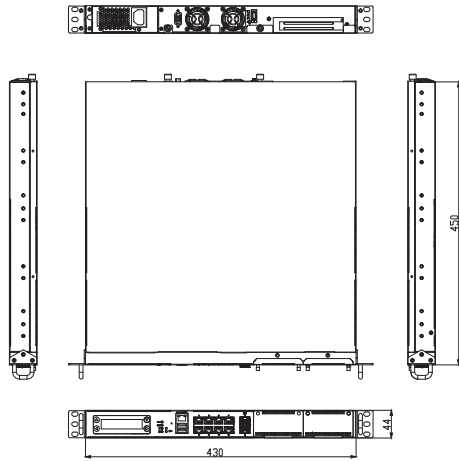
E393316109	AX93316-8GI-i350 with LAN tray
E393322102	AX93322-8FI-350 with LAN tray
E393322103	AX93322-8MIL-350 with LAN tray
E393336102	AX93336-4GIL-i350 2 LBP with LAN tray
E393336103	AX93336-4FI-i350 with LAN tray
E393307100	AX93307-2FI 10G 82599ES with LAN tray
E393327101	AX93327-4FI 10G XL710 with LAN tray
E393331100	AX93331-2QFI dual-port 40GbE with LAN tray
E393332100	AX93332-25FI dual-port 25GbE with LAN tray

If you need more NIC modules information, please contact our sales representative.

## Dimensions

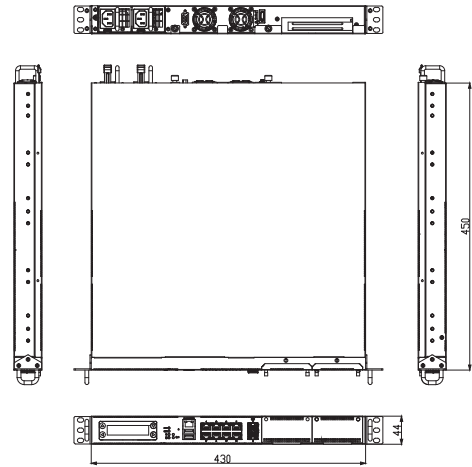
NA592-A

unit: mm

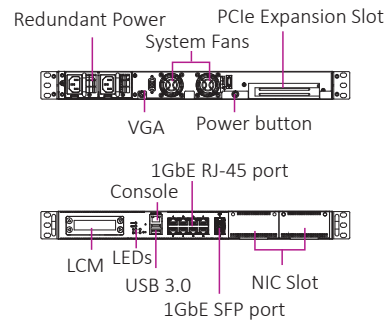
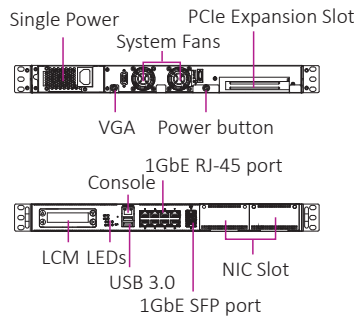


NA592-B

unit: mm

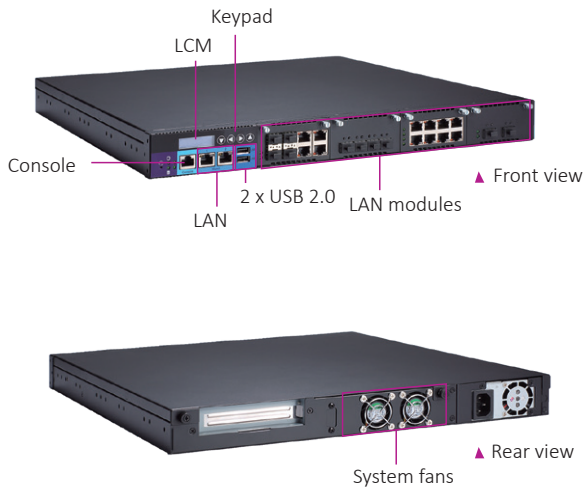


## I/O Mechanical Layout /Drawing



# NA591

1U Rackmount Network Appliance Platform with LGA1151 Socket Intel® Xeon® E-2200/Core™ Processor, Intel® C246 and up to 34 LAN



## Features

- LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor
- 4 DDR4-2666 U-DIMM, up to 128GB memory
- Max. up to 34 GbE LAN ports
- 4 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass for optional
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM for optional
- Suitable for network security, cloud computing and data centers applications



## Specifications

### System

CPU	LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor (Coffee Lake/Coffee Lake refresh)
Chipset	Intel® C246
Memory	4 x DDR4-2666 U-DIMM, up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x Full-size mSATA 1 x M.2 Key M 2280 slot (SATA) 1 x 3.5" SATA HDD (optional for 400W ATX power supply only)
Network Interface	2 x GbE RJ-45 (Intel® i210) 4 x LAN module (optional), max. up to 34 LAN ports
I/O	1 x Console (RJ-type) 2 x USB 2.0 2 x RJ-45 1 x VGA
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion Interface	1 x PCIe x4 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	400W single power supply 400W 1U redundant power supply (optional)
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, Link/Act with transfer rate
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10%- 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 500 mm (19.69") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certifications	CE/FCC Class A

## Ordering Information

### Standard

NA591-R2GI-C246-US w/IPMI (P/N: E26E591100)	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 2 GbE LAN, and 4 expandable LAN modules (optional), w/IPMI
NA591-R2GI-C246-US w/o IPMI (P/N: E26E591101)	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 2 GbE LAN, and 4 expandable LAN modules (optional), w/o IPMI

### Optional

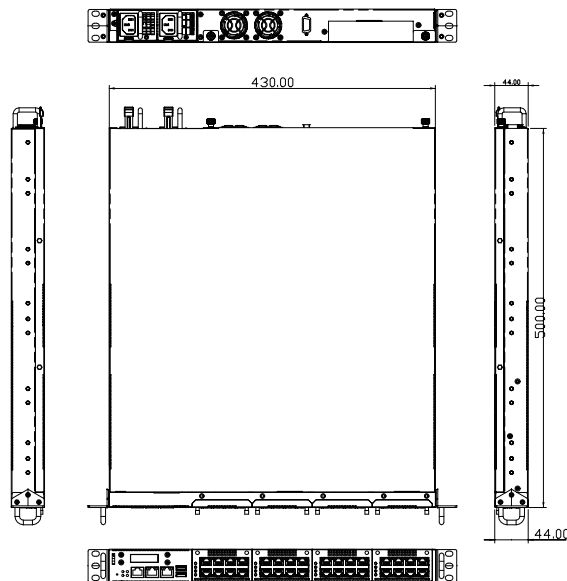
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

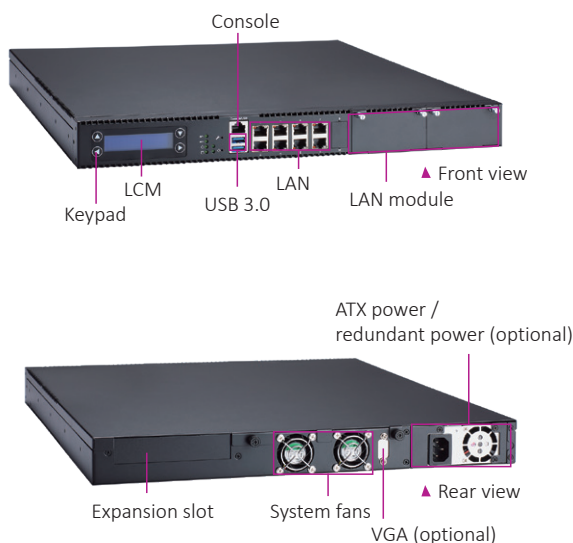
- 1 x SATA cable
- 1 x Power cord

## Dimensions



# NA590

1U Rackmount Network Appliance Platform with LGA1151 Socket Intel® Core™/Xeon® E-2200 Processor, Intel® C246/H310 and up to 26 LAN



## Features

- LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor
- 4 DDR4-2666 U-DIMM for up to 128GB of memory
- Max. up to 26 LAN ports
- 2 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI for optional
- Suitable for network security, cloud computing and data centers applications



## Specifications

### System

CPU	LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor (Coffee Lake/Coffee Lake refresh)
Chipset	C246/H310
Memory	C246: 4 x DDR4-2666 U-DIMM, up to 128GB non-buffer non-ECC/ECC memory H310: 2 x DDR4-2666 U-DIMM, up to 64GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x Full-size mSATA 1 x M.2 Key M 2242/2280 slot (PCIe x4) through AX98621 I/O card (C246 optional) 1 x 3.5" SATA HDD (optional for 300W single power supply)
Network Interface	C246: 8 x GbE RJ-45 (Intel® i210) 10 x GbE RJ-45 (by project) 2 x LAN module (optional), max. up to 26 LANs H310: 6 x GbE RJ-45 (Intel® i210) 1 x LAN module (optional), max. up to 14 LANs
I/O	1 x Console (RJ-type) 2 x USB 3.0 8 x RJ-45 1 x VGA (optional)
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Interface	1 x PCIe x8 through AX96708 riser card (C246 optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300W single power supply 400W 1U redundant power supply (by project)
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10% to 85% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.7") (D)
Weight (net/gross)	6 kg (13.2 lb)/10 kg (22 lb)
Certifications	CE/FCC Class A

## Ordering Information

### Standard

NA590-R6GI-H310-US 9th w/o IPMI (P/N: E26E590109)	1U rackmount appliance with LGA1151 socket Intel® Core™ processor, 6 GbE LAN, 2-pair LAN bypass, and 1 expandable LAN module (optional)
NA590-R8GI-C246-US 9th w/o IPMI (P/N: E26E590108)	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 8 GbE LAN, 2-pair LAN bypass, and 2 expandable LAN modules (optional)

### Optional

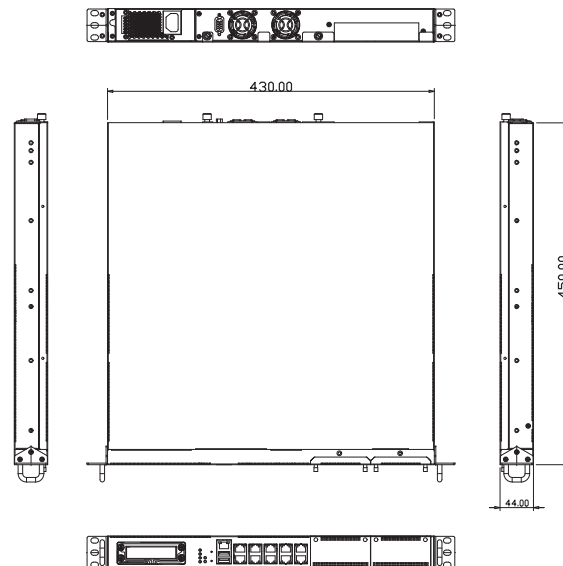
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

- 2 x SATA cable
- 1 x Power cord


## Dimensions



# 2

## SOHO Network Appliances

Axiomtek's SOHO (Small Office and Home Office) network appliance platforms with compact size design, fantastic enclosure management capability, strict electromagnetic compatibility for class B, energy saving and multiple Ethernet ports, are suitable for various environments and applications in space-limited environments. Axiomtek's SOHO series provides not only reasonable performance and reliable hardware platforms, but also system development kits for software integration.

Selection Guide		32
NA363R	1U Rackmount Network Appliance Platform with Intel Atom® Processor C3558/C3758 and up to 14 LAN	35
NA362R	1U Rackmount Network Appliance Platform with Intel Atom® Processor C3558/C3758 and up to 10 LAN	37
 NA350C	Desktop Network Appliance Platform with Intel Atom® Processor x6425E and up to 7 LAN for VPN, 5G Edge Gateway, Firewall, and UTM	39
NA362	Desktop Network Appliance Platform with Intel Atom® Processor C3338/C3558/C3758 and up to 10 LAN for VPN, Network Bandwidth Controller, Firewall, and UTM	41
NA345	Desktop Network Appliance Platform with Intel® Celeron® N3350/J3455 up to 4 LAN for VPN, Network Bandwidth Controller, and Firewall	43
NA347	Fanless Ultra Compact Network Appliance with Intel® Celeron® Processor N3350 and up to 3 LAN for Entry Level SD-WAN, VPN, and Security Gateway	45
NA346	Fanless Ultra Compact Network Appliance with Intel® Celeron® Processor N3350 and up to 4 LAN for Entry Level SD-WAN, VPN, and Security Gateway	47

## Network Appliances



# SOHO Network Appliances

## Selection Guide



Models		NA363R	NA362R
Form Factor		1U, 19" rackmount	1U, 19" rackmount
Platform	Processor	Intel® Atom® C3558/C3758	Intel® Atom® C3558/C3758
	Chipset	SoC integrated	SoC integrated
	Acceleration Technology	Intel® QAT	Intel® QAT
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4-2400
	Max. Capacity	128GB	128GB
	Socket	4 x 288-pin R-DIMM/U-DIMM	4 x 288-pin R-DIMM/U-DIMM
	ECC Support	Non-ECC	Non-ECC/ECC
Network Interface	Ethernet (default)	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps 2 or 4 x SFP+
	Ethernet (max.)	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps 4 x SFP+
	LAN Bypass	1 pair, 2 pair (optional)	1 pair
	Controllers	Intel® x552 & Intel® i210	Intel® i211
	LAN Module	1 x NIC Slot (C3758 optional)	2 x 2.5" HDD
	HDD/SSD	2 x 2.5" HDD 1 x 3.5" HDD (Optional)	2 x 2.5" HDD 1 x 3.5" HDD (Optional)
Storage	M.2 SSD	N/A	N/A
	mSATA/CF/CFast	1 x Full-Size mSATA	1 x Full-Size mSATA
	Button	1 x Power Switch	1 x Power Switch
	LED Indicator	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
I/O	USB	2 x USB 2.0	2 x USB 2.0
	Console	1 x Console (RJ-type)	1 x Console (RJ-type)
	LCM Module	Yes	Yes
	Display	N/A (optional for VGA module)	N/A (optional for VGA module)
TPM		1.2 or 2.0 (optional)	1.2 or 2.0 (optional)
IPMI		N/A	N/A
Watchdog		255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	Power Type	Open frame	Open frame
	Watts	120W	120W
	Input	100 to 240 VAC	100 to 240 VAC
	Connector	Inlet C14	Inlet C14
Expansion Interface		1 x Full-size PCIe Mini Card slot (PCIe/USB)	1 x Full-size PCIe Mini Card slot (PCIe/USB)
		1 x Full-size PCIe Mini Card slot (SATA/USB)	1 x Full-size PCIe Mini Card slot (SATA/USB)
Environment	Operating Temperature	0°C to +45°C (+32°F to +113°F)	0°C to +45°C (+32°F to +113°F)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10%- 95% RH, non-condensing	10%- 95% RH, non-condensing
Mechanical	Construction	Steel	Steel
	Dimensions (W x H x D)	44 x 430 x 250 mm (1.73" x 16.93" x 9.84")	44 x 430 x 250 mm (1.73" x 16.93" x 9.84")
	Weight (net/gross)	3.5 kg (7 lb)/4.5 kg (9 lb)	3.5 kg (7 lb)/4.5 kg (9 lb)
	OS Support	Linux	Linux
	Certifications	CE/FCC Class A	CE/FCC Class B

# SOHO Network Appliances

## Selection Guide

NEW



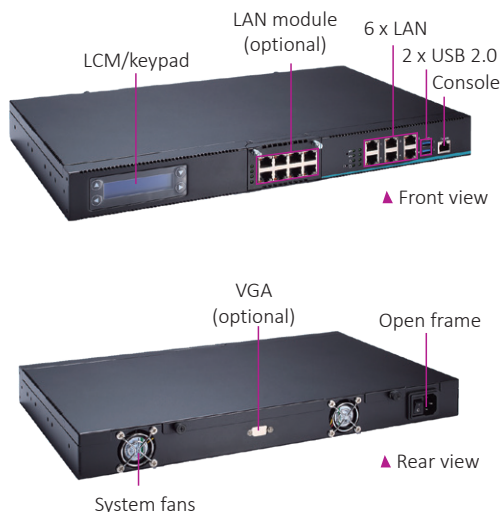
Features \ Models	NA350C	NA362	NA345	
Form Factor	1U Desktop	1U Desktop	1U Desktop	
Platform	Processor	Intel Atom® x6425E	Intel® Atom® C3338/C3558/C3758	Intel® Pentium® J3455 Intel® Celeron® N3350
	Chipset	SoC integrated	SoC integrated	SoC integrated
	Acceleration Technology	N/A	Intel® QAT	N/A
BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	
Memory	Technology	DDR4-3200	DDR4-2400	DDR3L-1866
	Max. Capacity	32GB	64GB (U-DIMM)	8GB
	Socket	2 x 260-pin SO-DIMM	2 x 288-pin R-DIMM/U-DIMM (C3338) 4 x 288-pin R-DIMM/U-DIMM (C3558/C3758)	1 x 204-pin SO-DIMM
Network Interface	ECC Support	Non-ECC	Non-ECC/ECC	Non-ECC
	Ethernet (default)	2 x 10/100/1000 Mbps 2 x 2.5G RJ-45 and 2 x 1G SFP	6 x 10/100/1000 Mbps 2 x SFP+ (C3558), 4 x SFP+ (C3758)	4 x 10/100/1000 Mbps
	Ethernet (max.)	2 x 10/100/1000 Mbps 2 x 2.5G RJ45 and 2 x 1G SFP	6 x 10/100/1000 Mbps 4 x SFP+	6 x 10/100/1000 Mbps
	LAN Bypass	1 pair (optional)	1 pair (optional)	1 pair (optional)
	Controllers	Intel® i350 and MaxLinear GPHY211	Intel® i210	Intel® i211
Storage	LAN Module	N/A	N/A	N/A
	HDD/SSD	1 x 2.5" HDD (Max 9.5mm height only)	1 x 2.5" HDD	1 x 2.5" HDD (Max 9.5mm height)
	M.2 SSD	1 x M.2 Key M 2242 slot	N/A	N/A
	mSATA/CF/Cfast	N/A	1 x Full-Size mSATA	1 x Full-Size mSATA
I/O	Button	1 x Power Switch	1 x Power Switch 1 x Reset Button	1 x Power Switch 1 x Reset Button
	LED Indicator	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
	USB	2 x USB 2.0	2 x USB 2.0	2 x USB 3.0
	Console	1 x Console (RJ-type)	1 x Console (RJ-type)	1 x Console (RJ-type)
	LCM Module	N/A	N/A	N/A
	Display	1 x HDMI	N/A	1 x HDMI
TPM	2.0 (optional)	2.0 (optional)	1.2 (optional)	
Watchdog	255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass	255 stepping for system reset 8 stepping for LAN Bypass	
	Power Type	Adapter	Adapter	Adapter
Power Supply	Watts	60W	60W/84W	60W
	Input	100 to 240 VAC	100 to 240VAC	100 to 240 VAC
	Connector	DC-Jack	DC-Jack	DC-Jack
Expansion Interface	1 x M.2 Key M 2242 slot (SATA3)		1 x Half-size PCIe Mini Card slot (PCIe+USB)	
	1 x Half-size PCI Express Mini Card slot (PCIe+USB2)	1 x Full-size PCIe Mini Card slot (PCIe+USB)	1 x Full-size PCIe Mini Card slot (SATA+USB)	
	1 x Full-size PCI Express Mini Card slot w/Nano SIM (USB2)	1 x Full-size PCIe Mini Card slot (SATA+USB)	1 x Full-size PCIe Mini Card slot (PCIe+USB)	
	1 x M.2 Key B 3052/3042 slot w/Nano SIM (USB2+USB3)	1 x Mini SIM slot	1 x Standard SIM slot	
	1 x M.2 Key E 2230 slot (PCIe+USB2)			
Environment	Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10%- 95% RH, non-condensing	10%- 95% RH, non-condensing	10%- 95% RH, non-condensing
Mechanical	Construction	Steel	Steel	Steel
	Dimensions (W x H x D)	44 x 257 x 197 mm (1.73" x 10.12" x 7.76")	44 x 231 x 197 mm (1.73" x 9.09" x 7.76")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")
	Weight (net/gross)	1.598 kg (3.52 lb)/ 2.45 kg (5.4 lb)	1.64 kg (3.62 lb)/2.54 kg (5.60 lb) (C3338/C3558) 1.64 kg (3.62 lb)/2.69 kg (5.93 lb)(C3758)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
	OS Support	Linux	Linux	Win 10, Linux
Certifications	CE/FCC Class B	CE/FCC Class B	CE/FCC Class B	



Models		NA347	NA346
Form Factor		Ultra-Compact, Fanless	Ultra-Compact, Fanless
Platform	Processor	Intel® Celeron® N3350	Intel® Celeron® N3350
	Chipset	SoC integrated	SoC integrated
	Acceleration Technology	N/A	N/A
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR3L-1866	DDR3L-1866MHz
	Max. Capacity	8GB	8GB
	Socket	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM
	ECC Support	Non-ECC	Non-ECC
Network Interface	Ethernet (default)	3 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
	Ethernet (max.)	3 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
	LAN Bypass	1 pair (optional)	1 pair (optional)
	Controllers	Intel® i211	Intel® i211
	LAN Module	N/A	N/A
Storage	HDD/SSD	N/A	N/A
	M.2 SSD	1 x M.2 Key B 2242 slot	N/A
	mSATA/CF/CFast	N/A	1 x Half-Size mSATA 1 x Full-Size mSATA
I/O	Button	1 x Power Switch with LED	1 x Power Switch
	LED Indicator	N/A	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
	USB	2 x USB 3.0	2 x USB 3.0
	Console	1 x Console (RJ-type)	1 x Console (RJ-type)
	LCM Module	N/A	N/A
	Display	1 x HDMI	1 x HDMI
TPM		2.0 (optional)	2.0 (optional)
Watchdog		255 stepping for system reset	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	Power Type	Adapter	Adapter
	Watts	36W	36W
	Input	100 to 240 VAC	100 to 240 VAC
	Connector	DC-Jack w/Screw Type	DC-Jack w/Screw Type
Expansion Interface		1 x M.2 Key B 2242 slot 1 x Full-size PCIe Mini Card slot (PCIe+USB) 1 x Nano SIM slot	1 x Half-size PCIe Mini Card slot (SATA+USB) 1 x Full-size PCIe Mini Card slot (SATA+USB, PCIe optional) 1 x Nano SIM slot
Environment	Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
	Storage Temperature	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)
	Humidity	10%- 95% RH, non-condensing	10% to 95% RH, non-condensing
Mechanical	Construction	Aluminum	Aluminum
	Dimensions (W x H x D)	26 x 146 x 118.2 mm (1.24" x 5.57" x 4.65")	33.5 x 146 x 118.2 mm (1.32" x 5.75" x 4.65")
	Weight (net/gross)	0.284 kg (0.63 lb)/0.786 kg (1.73 lb)	0.62 kg (1.37 lb)/1.3 kg (2.87 lb)
	OS Support	Win 10, Linux	Win 10, Linux
Certifications		CE/FCC Class B	CE/FCC Class B

# NA363R

1U Rackmount Network Appliance Platform with Intel Atom® Processor C3558/C3758 and up to 14 LAN



## Features

- Intel Atom® processor C3558/C3758
- 4 DDR4 R-DIMM/U-DIMM for up to 128GB of memory
- 6 GbE RJ-45 and 1 expandable LAN module support
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications



## Specifications

### System

CPU	Intel® Atom® processor C3558/C3758 (Denverton)
Chipset	SoC integrated
Memory	4 x DDR4 R-DIMM/U-DIMM (not allowed mixing), up to 128GB memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA3 HDD 1 x 3.5" SATA3 HDD (optional) 1 x Full-size mSATA
Network Interface	6 x GbE RJ-45 (Intel® X553 and Marvell® 88E1543) 1 x LAN module (C3758 optional), max. up to 14 LAN
I/O	1 x Console (RJ-type) 2 x USB 2.0 6 x RJ-45 1 x VGA (optional)
TPM	Onboard TPM 2.0 (optional)
Other Features	One pair LAN Bypass function through latch relay Two pairs LAN Bypass (optional)
Expansion Interface	1 x Full-size PCIe Mini Card slot (PCIe+USB2) 1 x Full-size PCIe Mini Card slot (SATA+USB2) 1 x LAN module through AX98614 (only C3758 optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	120W open frame
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	3.5 kg (7 lb)/4.5 kg (9 lb)
Certifications	CE/FCC Class A

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## Ordering Information

### Standard

NA363R-R6GI-C3558-US w/1 LBP (P/N: E26E363100)	1U Rackmount Network Appliance with Intel Atom® C3558 (2.20GHz 4C 16W) 6 x GbE w/1 LBP (On board TPM and 1NIC slot)
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NA363R-R6GI-C3758-US w/1 LBP (P/N: E26E363101)	1U Rackmount Network Appliance with Intel Atom® C3758 (2.20GHz 8C 25W) 6 x GbE w/1 LBP (On board TPM and 1NIC slot)
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### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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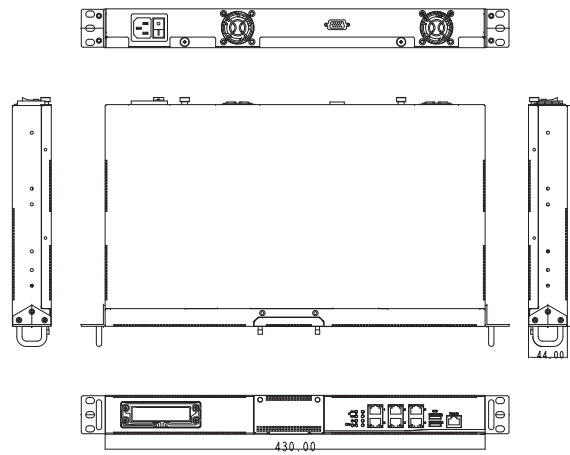
\* Specifications and certifications may vary contingent on options.

## Packing List

1 x SATA cable
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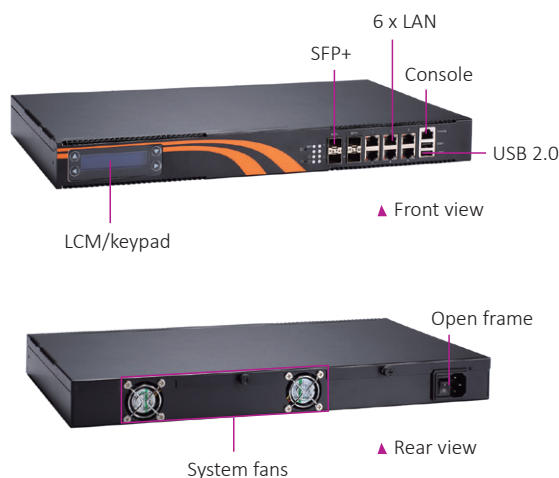
1 x Power cord- US
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## Dimensions



# NA362R

1U Rackmount Network Appliance Platform with Intel Atom® Processor C3558/C3758 and up to 10 LAN



## Features

- Intel Atom® processor C3558/C3758
- 4 DDR4 R-DIMM/U-DIMM for up to 128GB of memory
- 6 GbE RJ-45 and 4 10GbE SFP+ ports
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications



## Specifications

### System

CPU	Intel Atom® processor C3558/C3758 (Denverton)
Chipset	SoC integrated
Memory	4 x DDR4 R-DIMM/U-DIMM (not allowed mixing), up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA3 HDD 1 x 3.5" SATA3 HDD (optional) 1 x Full-size mSATA
Network Interface	6 x GbE RJ-45 (Intel® i210) 2 x 10GbE SFP+ (C3558)/4 x 10GbE SFP+ (C3758)
I/O	1 x Console (RJ-type) 2 x USB 2.0 6 x RJ-45 + 2 x SFP+ (C3558); 4 x SFP+ (C3758)
TPM	Onboard TPM 1.2/2.0 (optional)
Other Features	LAN Bypass function through latch relay (one pair)
Expansion Interface	1 x Full-size PCIe Mini Card slot (PCIe+USB2) 1 x Full-size PCIe Mini Card slot (SATA+USB2)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	120W open frame
OS Compatibility	Linux

### Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	3.5 kg (7 lb)/4.5 kg (9 lb)
Certifications	CE/FCC Class B

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## Ordering Information

### Standard

NA362R-R8MI-C3558-US (P/N:E26E362103)	1U Rackmount Network Appliance with Intel Atom® C3558 (2.20GHz 4C 16W) 6 x GbE w/1 LBP and 2 x SFP+ (On board TPM for optional)
NA362R-RAMI-C3758-US (P/N:E26E362104)	1U Rackmount Network Appliance with Intel Atom® C3758 (2.20GHz 8C 25W) 6 x GbE w/1 LBP and 4 x SFP+ (On board TPM for optional)

### Optional

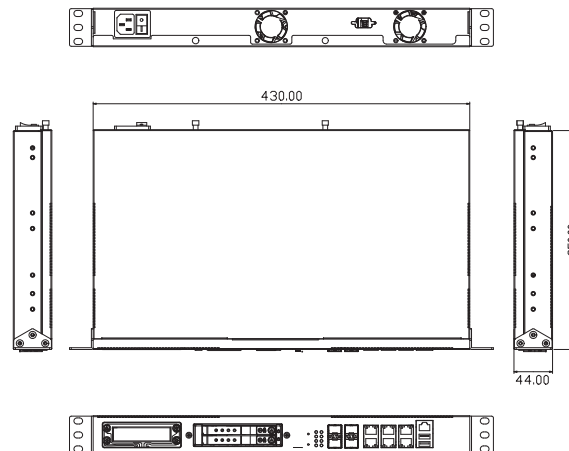
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

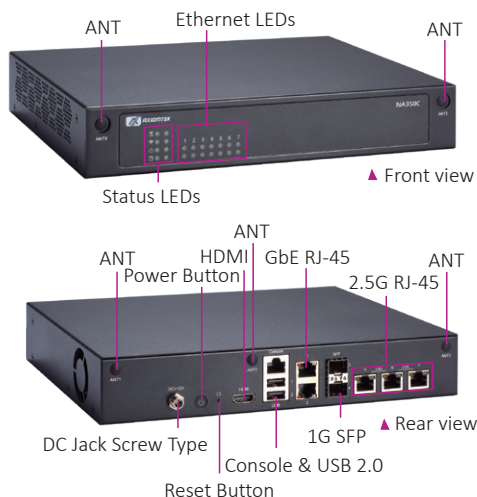
- 1 x SATA cable
- 1 x Power cord - US

## Dimensions



# NA350C NEW

Desktop Network Appliance Platform with Intel Atom® Processor x6425E and up to 7 LAN for VPN, 5G Edge Gateway, Firewall and UTM



## Features

- Intel Atom® x6425E processor
- 2 DDR4 SO-DIMM for up to 32GB of memory
- 2 1G SFP and 2 GbE RJ-45 (Intel® I350)
- 3 2.5G RJ-45 (MaxLinear GPY211)
- 1 M.2 Key B slot for 5G NR/LTE
- 1 M.2 Key E slot for Wi-Fi
- 1 Full-size PCI Express Mini Card slot for LTE
- 1 Half-size PCI Express Mini Card slot for Wi-Fi
- Supports two SIM sockets



## Specifications

### System

CPU	Intel Atom® x6425E processor (Elkhart Lake)
Chipset	SoC integrated
Memory	2 x DDR4 SO-DIMM, up to 32GB
BIOS	AMI
Storage	1 x M.2 Key M 2242 slot (SATA) 1 x 2.5" SATA3 HDD
Network Interface	2 x GbE RJ-45 and 2 x 1G SFP (Intel® I350) 3 x 2.5G RJ-45 (MaxLinear GPY211)
I/O	1 x Console (RJ-type) 5 x RJ-45 2 x SFP 2 x USB 2.0 1 x HDMI 1 x Reset Button 1 x DC Jack (Screw type) 1 x Power Button with LED
TPM	Onboard TPM 2.0 (optional)
Other Features	LAN Bypass (1 pair)
Expansion Interface	1 x M.2 Key M 2242 slot (SATA3) 1 x Half-size PCI Express Mini Card slot (PCIe+USB2) 1 x Full-size PCI Express Mini Card slot w/Nano SIM (USB2) 1 x M.2 Key B 3052/3042 slot w/Nano SIM (USB2+USB3) 1 x M.2 Key E 2230 slot (PCIe+USB2)
LCM Module	N/A
Power Supply	1 x DC power adapter 12V/5A
OS Support	Linux
<b>Mechanical/ Environmental</b>	
Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 x 257 x 197 mm (1.73" x 10.12" x 7.76")
Weight (net/gross)	1.598 kg (3.52 lb)/ 2.45 kg (5.4 lb)
Certifications	CE/FCC Class B



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## Ordering Information

### Standard

NA350C	1U Desktop with Intel Atom® x6425E processor, 2 SO-DIMM, 2 GbE, 2 1G SFP, and 3 2.5G RJ-45
--------	--

### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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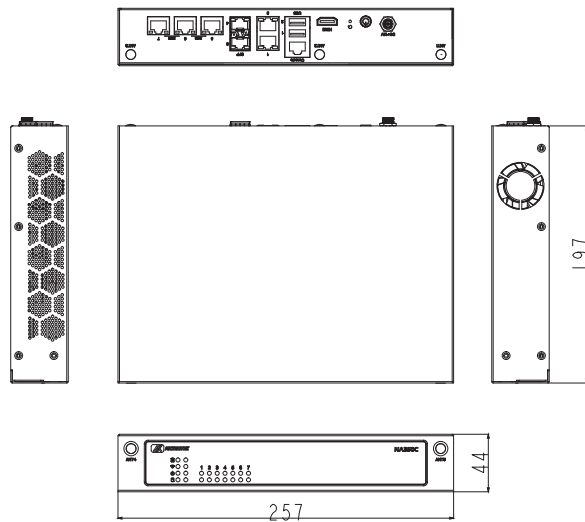
\* Specifications and certifications may vary based on different requirements.

## Packing List

1 x DC power adapter 12V/5A
-----------------------------

1 x Power cord- US
--------------------

## Dimensions



# NA362

Desktop Network Appliance Platform with Intel Atom® Processor C3338/C3558/C3758 and up to 10 LAN for VPN, Network Bandwidth Controller, Firewall and UTM



## Features

- Intel Atom® processor C3338/C3558/C3758
- 4 DDR4 R-DIMM for up to 128GB of memory or U-DIMM for up to 64GB of memory
- 6 GbE RJ-45 and 4 SFP+ ports (Intel® i210)
- Wi-Fi/3G/LTE through PCI Express Mini Card slot for optional
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications
- FlexiWAN certified



## Specifications

### System

CPU	Intel Atom® processor C3338/C3558/C3758 (Denverton)
Chipset	SoC integrated
Memory	4 x DDR4 R-DIMM, up to 128GB/4 x DDR4 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory (Atom® C3558/C3758) 2 x DDR4 R-DIMM, up to 64GB/4 x DDR4 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory (Atom® C3338)
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x Full-size mSATA
Network Interface	6 x GbE RJ-45 (Intel® i210) (C3338) 6 x GbE RJ-45 (Intel® i210) and 2 x SFP+ (C3558) 6 x GbE RJ-45 (Intel® i210) and 4 x SFP+ (C3758)
I/O	1 x Console (RJ-type) 2 x USB 2.0 6 x RJ-45 2 x SFP+ or 4 x SFP+
TPM	Onboard TPM 1.2 (optional)
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Interface	1 x Full-size PCIe Mini Card slot (PCIe+USB) 1 x Full-size PCIe Mini Card slot (SATA+USB)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter (C3338/C3558) 1 x 12V, 7A power adapter (C3758)
OS Compatibility	Yocto, Linux

### Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76") (D)
Weight (net/gross)	1.64 kg (3.62 lb)/2.54 kg (5.60 lb) with 12V/5A adapter (C3338/C3558) 1.64 kg (3.62 lb)/2.69 kg (5.93 lb) with 12V/7A adapter (C3758)
Certifications	CE/FCC Class B

## Ordering Information

### Standard

NA362-D6GI-C3338-US w/o LBP (P/N: E26E362102)	1U Deaktop Network Appliance with Intel® Atom® C3338 (1.50GHz 2C 8.5W) 6 x GbE w/o LBP (On board TPM and 1 LBP for optional)
NA362-D6GI-C3558-US w/o LBP (P/N: E26E362100)	1U Deaktop Network Appliance with Intel® Atom® C3558 (2.20GHz 4C 16W) 6 x GbE w/o LBP (On board TPM and 1 LBP for optional)
NA362-D8MI-C3558-US w/o LBP (P/N: E26E362105)	1U Deaktop Network Appliance with Intel® Atom® C3558 (2.20GHz 4C 16W) 6 x GbE and 2 x SFP+ w/o LBP (On board TPM and 1 LBP for optional)
NA362-DAMI-C3758-US w/ LBP (P/N: E26E362101)	1U Deaktop Network Appliance with Intel® Atom® C3758 (2.20GHz 8C 25W) 6 x GbE (i210AT) w/1 LBP and 4 x SFP+ (On board TPM for optional)

### Optional

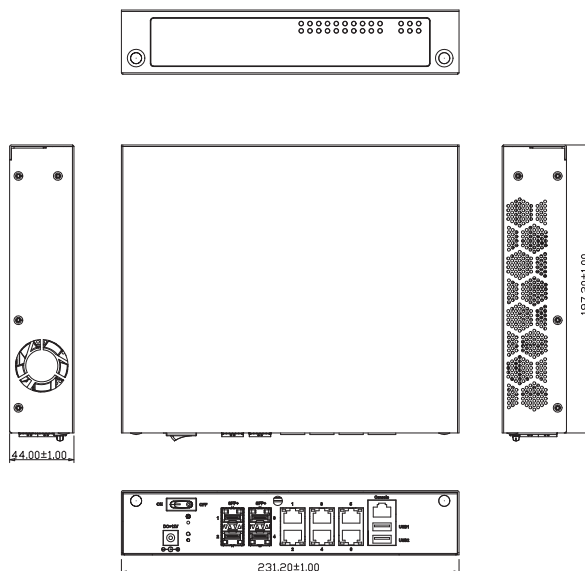
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
826E3623000E	NA362 Rackmount Kit

\* Specifications and certifications may vary based on different requirements.

## Packing List

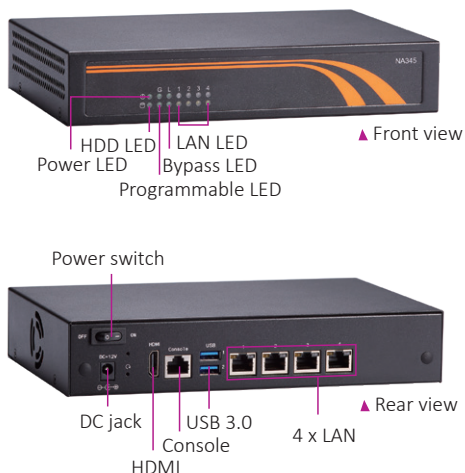
- 1 x DC power adapter 12V/5A or 12V/7A
- 1 x Power cord- US
- 1 x SATA cable

## Dimensions



# NA345

Desktop Network Appliance Platform with Intel® Celeron® N3350/J3455 up to 4 LAN for VPN, Network Bandwidth Controller and Firewall



## Features

- Intel® Celeron® processor N3350/J3455
- 1 DDR3L-1866 SO-DIMM for up to 8GB of memory
- 4 GbE RJ-45 ports (Intel® i211)
- 1 PCIe Mini Card slot for mSATA for optional
- 2 PCIe Mini Card for WiFi and LTE module
- Suitable for VPN, network bandwidth controller and firewall applications



## Specifications

### System

CPU	Intel® Celeron® processor N3350/J3455 (Apollo Lake)
Chipset	SoC integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x Full-size mSATA
Network Interface	4 x GbE RJ-45 (Intel® i211, 6 ports by request)
I/O	1 x Console (RJ-type) 2 x USB 3.0 4 x RJ-45 1 x HDMI (optional)
TPM	Onboard TPM 1.2 (optional)
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Interface	1 x Full-size mini-PCIe slot (SATA+USB) 1 x Half-size mini-PCIe slot (USB+PCIe) 1 x Full-size mini-PCIe slot (USB+PCIe) 1 x Standard SIM Socket
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win 10, Linux

### Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certifications	CE/FCC Class B

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## Ordering Information

### Standard

NA345-D4GI-N3350-US w/o LBP (P/N: E26E345100)	1U Deaktop Network Appliance with Intel® Celeron® N3350 (1.10GHz 2C 6W) 4 x GbE w/o LBP (TPM and 1 LBP for optional)
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NA345-D4GI-J3455-US w/o LBP (P/N: E26E345107)	1U Deaktop Network Appliance with Intel® Celeron® J3455 (2.30GHz 4C 10W) 4 x GbE w/o LBP (On board TPM and 1 LBP for optional)
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### Optional

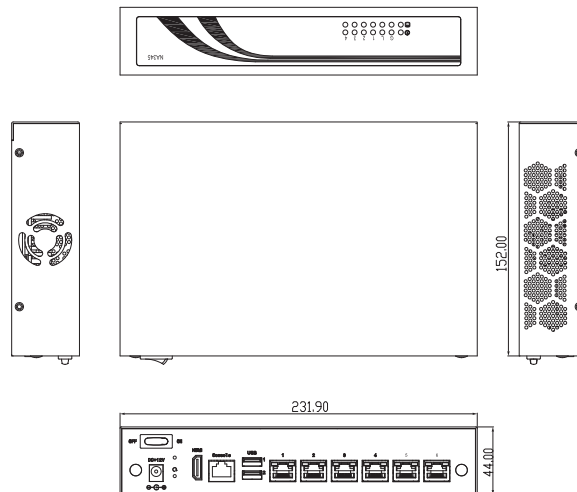
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

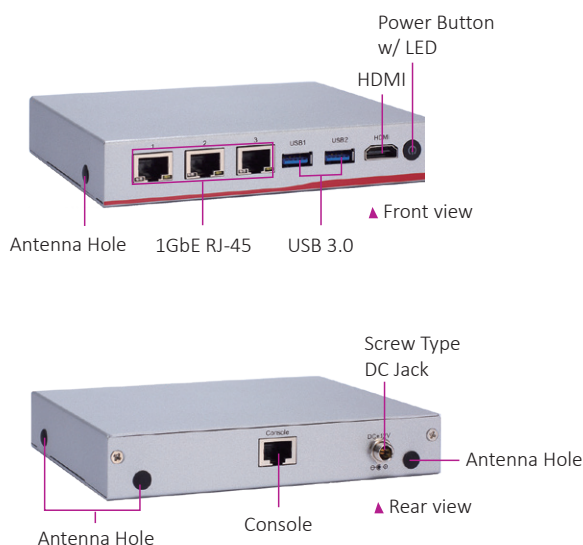
1 x DC power adapter 12V/5A
1 x Power Cord- US
1 x SATA cable

## Dimensions



# NA347

Fanless Ultra Compact Network Appliance with Intel® Celeron® Processor N3350 and up to 3 LAN for Entry Level SD-WAN, VPN and Security Gateway



## Features

- Intel® Celeron® processor N3350
- 1 DDR3L-1866 SO-DIMM for up to 8GB of non-ECC memory
- 3 GbE RJ-45 ports (Intel® i211)
- 1 PCIe Mini Card slot for Wi-Fi or LTE module
- M.2 Key B 2242
- Small form factor with fanless and noiseless design
- Suitable for SD-WAN, VPN and IoT security gateway applications



## Specifications

### System

CPU	Intel® Celeron® processor N3350, 2 Core, 1.10 GHz (Apollo Lake)
Chipset	SoC integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x M.2 Key B 2242 slot (SATA)
Network Interface	3 x GbE RJ-45 (Intel® i211)
I/O	1 x Console (RJ-type) 3 x RJ-45 2 x USB 3.0 1 x HDMI 1 x DC Jack (Screw type) 1 x Power Button with LED
Other Features	LAN Bypass (optional)
Expansion Interface	1 x Full-size PCIe Mini Card slot (PCIe/USB signal) 1 x Nano SIM Socket
Watchdog Timer	255 stepping for system reset
Power Supply	12V, 3A power adapter
OS Compatibility	Win 10, Linux (Yocto project)

### Mechanical/ Environmental

Form Factor	Desktop, small form factor and fanless
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Chassis Material	Aluminum
Dimensions	26 mm (1.24") (H) x 146 mm (5.57") (W) x 118.2 mm (4.65") (D)
Weight (net/gross)	0.284 kg (0.63 lb) / 0.786 kg (1.73 lb)
Certifications	CE/FCC Class B

## Ordering Information

### Standard

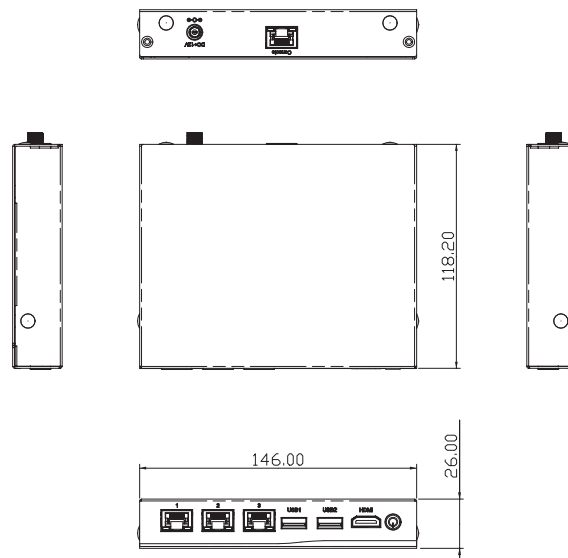
NA347-D3GI-N3350 (P/N: E26E347100)	Fanless Ultra Compact Network Appliance with Intel® Celeron® N3350 (1.10GHz 2C 6W) 3 x GbE w/o LBP (On board TPM and 1 LBP for optional)
---------------------------------------	--

### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
59902000030E	Power Cord- US
59903000080E	Power Cord- EU
59910050000E	Power Cord- JP
59904000050E	Power Cord- UK
M.2 2242 SSD	
DDR3L SO-DIMM	
Wireless Module	
Rack mount kit	
Wall mount kit	

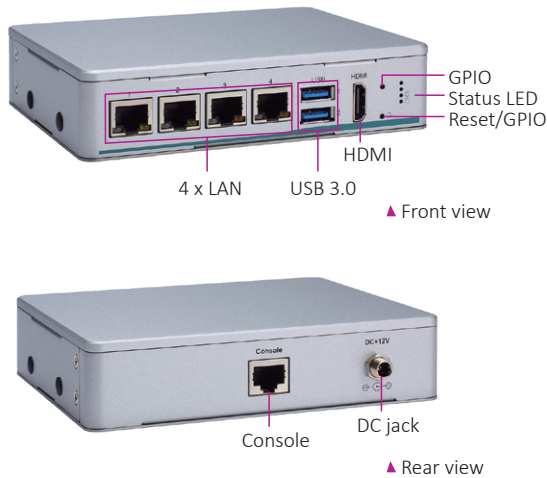
\* Specifications and certifications may vary contingent on options.

## Dimensions



# NA346

Fanless Ultra Compact Network Appliance with Intel® Celeron® Processor N3350 and up to 4 LAN for Entry Level SD-WAN, VPN and Security Gateway



## Features

- Small form factor with fanless and noiseless design
- Intel® Celeron® processor N3350
- 1 DDR3L-1866 SO-DIMM for up to 8GB of memory
- 4 GbE RJ-45 ports (Intel® i211)
- 2 PCIe Mini Card slots for mSATA (optional)
- 1 PCIe Mini Card slots for WiFi or LTE module
- Suitable for IoT security applications
- Microsoft Azure IoT Edge certified



## Specifications

### System

CPU	Intel® Celeron® processor N3350 (Apollo Lake)
Chipset	SoC integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x Full-size mSATA 1 x Half-size mSATA
Network Interface	4 x GbE RJ-45 (Intel® i211)
I/O	1 x Console (RJ-type) 4 x RJ-45 2 x USB 3.0 1 x HDMI
TPM	Onboard TPM 2.0 (optional)
Other Features	LAN Bypass (optional)
Expansion Interface	1 x Half-size PCIe Mini Card slot (SATA+USB) 1 x Full-size PCIe Mini Card slot (SATA/PCIe, PCIe co-layout with Eth4) 1 x Nano SIM Socket
Watchdog Timer	255 stepping for system reset
Power Supply	1 x 12V, 3A power adapter
OS Compatibility	Win 10, Linux (Yocto project)

### Mechanical/ Environmental

Form Factor	Desktop, small form factor and fanless
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Chassis Material	Aluminum
Dimensions	33.5 mm (1.32") (H) x 146 mm (5.75") (W) x 118.2 mm (4.65") (D)
Weight (net/gross)	0.62 kg (1.37 lb)/1.3 kg (2.87 lb)
Certifications	CE/FCC Class B



## Ordering Information

### Standard

NA346-D4G-N3350-US w/o LBP (P/N: E26E346100)	Fanless Ultra Compact Network Appliance with Intel® Celeron® N3350 (1.10GHz 2C 6W) 4 x GbE w/TPM w/o LBP (On board TPM and 1 LBP for optional)
--	--

### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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59902000030E	Power Cord- US
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59903000080E	Power Cord- EU
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59910050000E	Power Cord- JP
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59904000050E	Power Cord- UK
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mSATA SSD

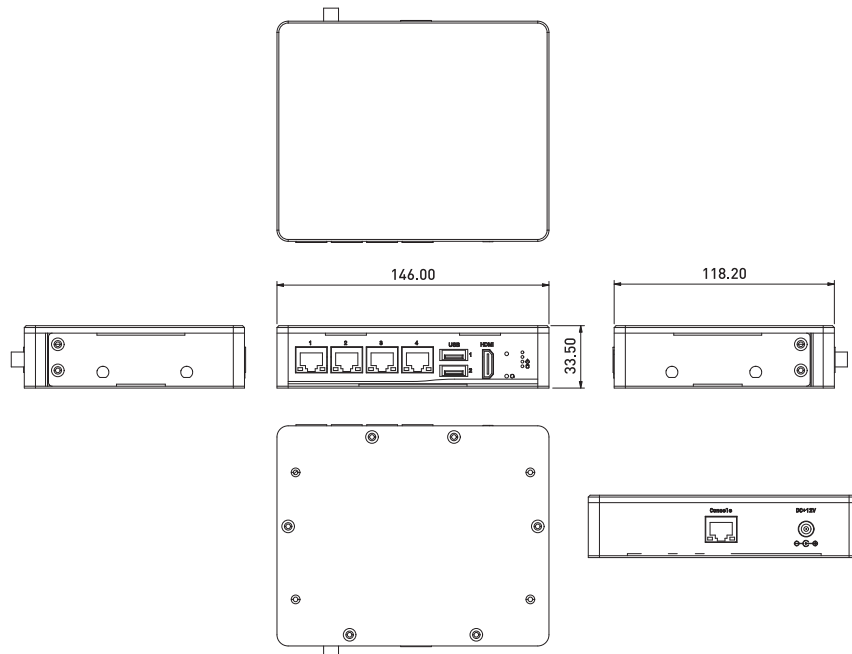
DDR3L SO-DIMM

Wireless Module

Rack mount kit

\* Specifications and certifications may vary contingent on options.

## Dimensions



# 3

## LAN Modules

Axiomtek provides various LAN modules for network appliances, such as GbE copper module, GbE fiber module, 10GbE copper module, 10GbE fiber module and more.

Selection Guide	50	
AX93316	Eight-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller	51
AX93322	Eight-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller	53
AX93327	Four-Port LAN Module with Intel® XL710-BM1 10 GbE Ethernet Controller	55
AX93331	Dual-Port 40GbE QSFP+ LAN Module with Intel® XL710 Ethernet Controller	57
AX93332	Dual-Port 25GbE SFP28 LAN Module with Intel® XXV710 Ethernet Controller	59
AX93336	Quad-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller	61
AX93357	Dual-Port 100 Gb/s QSFP28 Ethernet Module	63
AX93358	Dual-Port 100 Gb/s Ethernet (QSFP28) Module with Intel® E810	65

## Network Appliances

# LAN Modules

	Module	LAN Chipset	Ports	LAN Bypass (Latch Relay)	Copper/Fiber (SFP)
<b>1G</b>	AX93316-8GIL	Intel® i350	8	4	8/0
	AX93326-8GIL	Intel® i210	8	4	8/0
	AX93316-8GI	Intel® i350	8	0	8/0
	AX93322-8MIL	Intel® i350	8	2	4/4
	AX93322-8FI	Intel® i350	8	0	0/8
	AX93336-4GIL	Intel® i350	8	2	4/0
	AX93336-4FI	Intel® i350	4	0	0/4
<b>10G</b>	AX93327-4FI	Intel® XL710	4	0	0/4
	AX93307-2FI	Intel® 82599ES	2	0	0/2
	AX93307-2FIL	Intel® 82599ES	2	1	0/2
<b>25G</b>	AX93332-25FI	Intel® XXV710	2	0	0/2
<b>40G</b>	AX93331-2QFI	Intel® XL710	2	0	0/2
<b>100G</b>	AX93357	Intel® E810	2	0	0/2
	AX93358	Intel® E810	2	0	0/2

## 100Gbps Modules



### PCIe Card - AX93357

- Intel® Ethernet Controller E810
- 2 x 100GbE QSFP28 Cages
- Enhanced DPDK for Network Functions

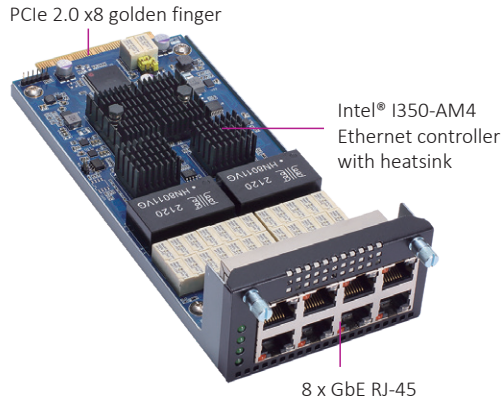


### NIC Module - AX93358

- Intel® Ethernet Controller E810
- 2 x 100GbE QSFP28 Cages
- Enhanced DPDK for Network Functions

# AX93316

Eight-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller



## Features

- Intel® I350-AM4 Ethernet controller
- 8 GbE RJ-45 ports
- PCIe 2.0 x8 golden finger
- 4-pair LAN Bypass (optional)
- Supports DPDK acceleration
- RoHS compliant

## Overview

Axiomtek's AX93316 LAN module is built with Intel® Ethernet Controller I350-AM4 to optimize data traffic processing, employing advanced techniques including Data Plane Development Kit (DPDK), jumbo frames, Intel® VMDq. They help speed up the data traffic and enhance packet processing capabilities for higher throughput of data.

## Specifications

Basic	
Controller	Intel® I350-AM4
Speed/Connector	8 x GbE RJ-45
Interface	PCIe 2.0 x8
Features	
LAN Bypass	Optional (refer to ordering Information)
Jumbo Frames	Yes (9.5KB)
Intel® Virtualization Technology	VMDq and SR-IOV
Acceleration	DPDK
LED Definition	Amber: 1 GbE, Green: 100 Mbps
Available Models	NA363R, NA580, NA590, NA592, NA720, NA721, NA860, NA861, and NA870
Mechanical/Environmental	
Operation Temp	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 175 mm (6.89") x 42.8 mm (1.69")

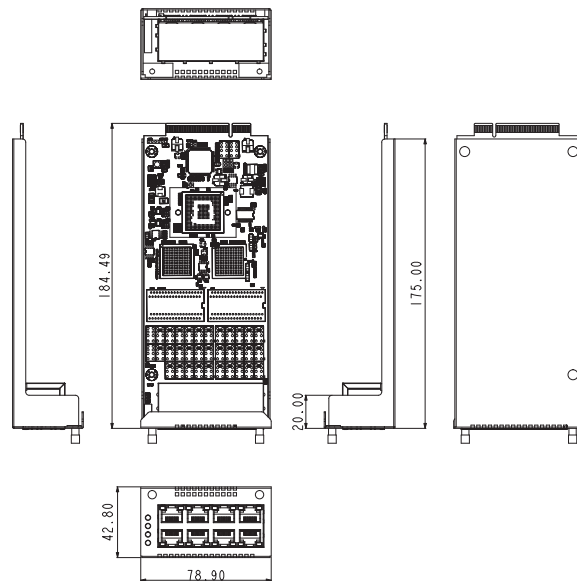
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## Ordering Information

### Standard

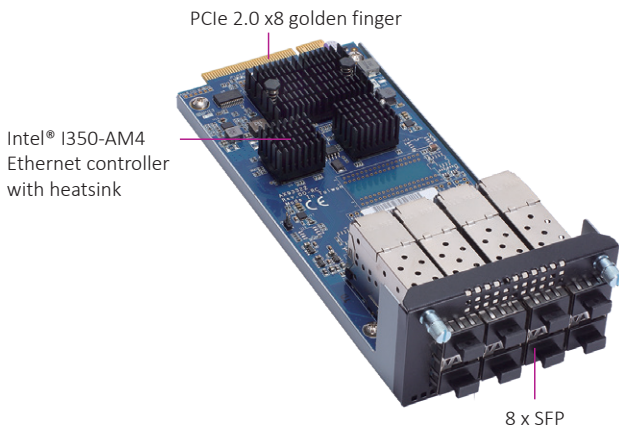
AX93316-8GI-i350 with LAN tray (P/N: E393316109)	LAN module with Intel® I350-AM4 and 8 copper LAN ports
AX93316-8GIL-350 with LAN tray (P/N: E393316102)	LAN module with Intel® I350-AM4 and 8 copper LAN ports with 4-pair LAN bypass

## Dimensions



# AX93322

Eight-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller



## Features

- Intel® I350-AM4 Ethernet controller
- 8 SFP or 4 SFP and 4 RJ-45
- PCIe 2.0 x8 golden finger
- 2-pair LAN Bypass (optional)
- Supports Intel® Virtualization Technology for connectivity
- RoHS compliant

## Overview

The AX93322 LAN module is built with Intel® Ethernet Controller I350-AM4, incorporating Data Plane Development Kit (DPDK), jumbo frames, Intel® VMDq, and SR-IOV to optimize the processing of network data traffic. It also provides an optional LAN bypass function to ensure smooth network connectivity at all times, making it an ideal solution for users seeking better protection of their essential business communications during power outage, system shutdown or crash.

## Specifications

Basic	
Controller	Intel® I350-AM4
Speed/Connector	8 x SFP or 4 x SFP & 4 x RJ-45
Interface	PCIe 2.0 x8
Features	
LAN Bypass	Optional (refer to ordering Information)
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	DPDK
LED Definition	Amber: 1 GbE, Green: 100 Mbps
Available Models	NA363R, NA580, NA590, NA592, NA720, NA721, NA860, NA861, and NA870
Mechanical/Environmental	
Operation Temp	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 175 mm (6.89") x 42.8 mm (1.69")

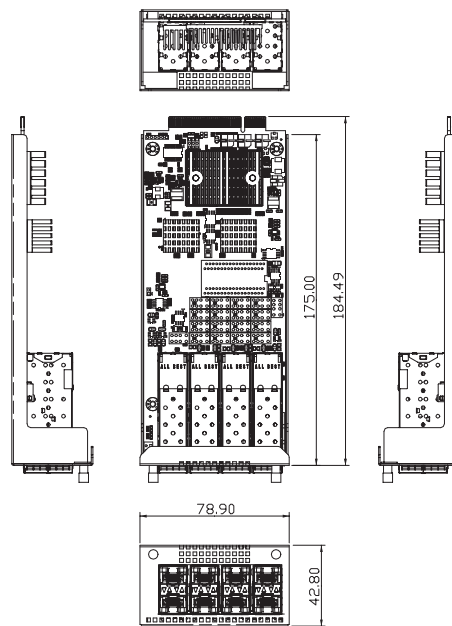
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## Ordering Information

### Standard

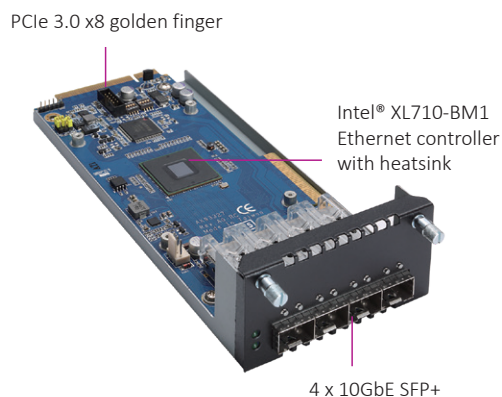
AX93322-8FI-350 LAN Module (P/N: E393322102)	LAN module with Intel® I350-AM4 and 8 fiber LAN ports with LAN tray
AX93322-8MIL-350 LAN Module (P/N: E393322103)	LAN module with Intel® I350-AM4, 4 copper, and 4 fiber LAN ports with 2-pair LAN bypass

## Dimensions



# AX93327

Four-Port LAN Module with Intel® XL710-BM1 10GbE Ethernet Controller



## Features

- Intel® XL710-BM1 Ethernet controller
- Four 10GbE SFP+ ports
- PCIe 3.0 x8 golden finger
- RoHS compliant

## Overview

The AX93327 LAN module is built with an Intel® XL710-BM1 10GbE Ethernet controller, incorporating the Intel® DPDK, Jumbo Frames, SR-IOV and VMDq technologies to optimize the processing of network data traffic. This LAN module's high-density design is specifically adapted for Axiomtek's 1U and 2U rackmount network appliances, also featuring four 10GbE SFP+ ports plus a PCIe 3.0 x8 golden finger for high-speed transmission needs, giving customers the freedom to streamline their individual network infrastructure deployments to fulfill fast-changing networking demands quickly and cost-effectively.

## Specifications

Basic	
Controller	Intel® XL710-BM1
Speed/Connector	4 x 10GbE SFP+
Interface	PCIe 3.0 x8
Features	
LAN Bypass	N/A
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	DPDK
Watchdog Timer	Yes
LED Definition	Amber: Active
Available Models	NA361R, NA362R, NA552, NA570, NA590, NA580, NA720, NA850, NA860, NA861
Mechanical/Environmental	
Cooling	Locking heatsink
Operation Temp	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 175 mm (6.89") x 42.8 mm (1.69")



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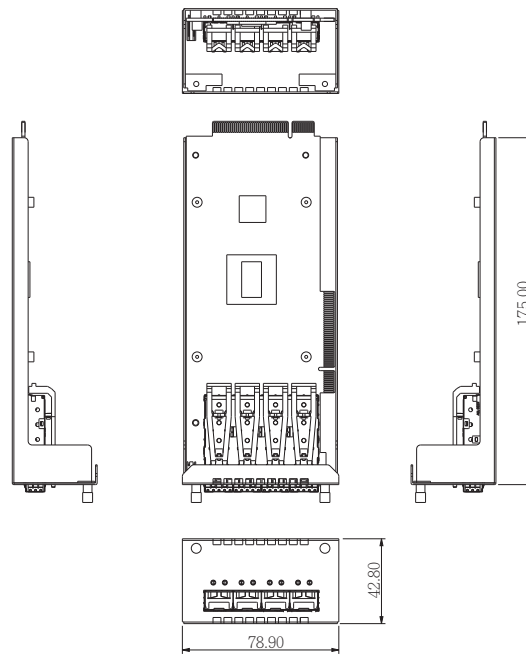
## Ordering Information

### Standard

AX93327-4FI 10G XL710 w/ LAN Tray (P/N: E393327101)	LAN module with Intel® XL710, 4 10GbE fiber ports
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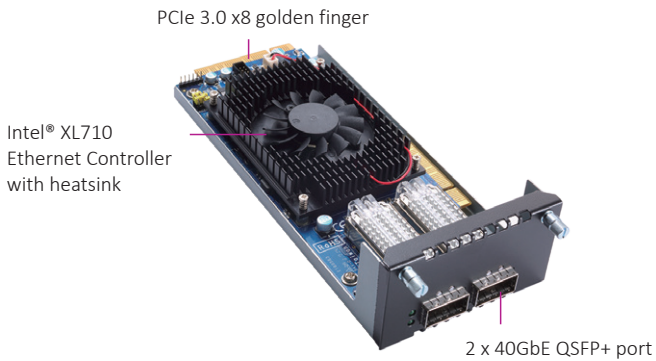
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## Dimensions



# AX93331

Dual-Port 40GbE QSFP+ LAN Module with Intel® XL710 Ethernet Controller



## Features

- Intel® XL710 40G Ethernet controller
- Two 40GbE QSFP+ ports
- PCIe 3.0 x8 golden finger
- Supports Intel® Virtualization Technology for connectivity (Intel® VT-c)
- Compatible with Axiomtek SMB series

## Overview

AX93331 is a dual-port 40GbE QSFP+ module with Intel® XL710 Ethernet controller. This is a great option for virtualized servers, providing advanced features including Virtual Machine Device Queues (VMDq) and Single Root I/O Virtualization (SR-IOV) to deliver amazing performance. It is designed to support demanding workloads for enterprise, cloud, and telecommunication service providers and data centers.

## Specifications

Basic	
Controller	Intel® XL710
Speed/Connector	2 x 40G QSFP+
Interface	PCIe 3.0 x8 golden finger
Features	
LAN Bypass	N/A
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	N/A
Watchdog Timer	Yes
LED Definition	Amber: 40GbE, Green: 10GbE/1GbE
Available Models	NA361R, NA362R, NA552, NA570, NA580, NA590, NA720, NA850, NA860, NA861
Mechanical / Environmental	
Cooling	Locking heatsink with fan
Operating Temp.	0°C to +40°C (+32°C to +140°C)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 183.8 mm (7.24") x 42.8 mm (1.69")

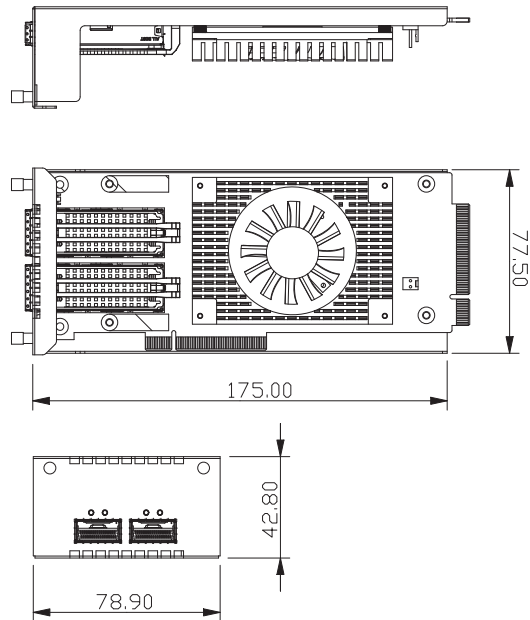
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## Ordering Information

### Standard

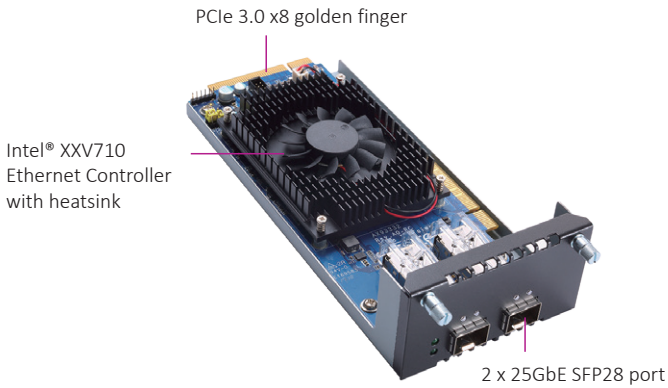
AX93331 (P/N:E393331100)	Dual-port 40GbE QSFP+ Module with Intel® XL710 with Tray
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## Dimensions



# AX93332

Dual-Port 25GbE SFP28 LAN Module with Intel® XXV710 Ethernet Controller



## Features

- Intel® XXV710 25G Ethernet controller
- Two 25GbE SFP28 ports
- PCIe 3.0 x8 golden finger
- Supports Intel® Virtualization Technology for connectivity (Intel® VT-c)
- Compatible with Axiomtek SMB series

## Overview

AX93332 is a dual-port 25GbE SFP28 module with Intel® XXV710 Ethernet controller. This module offers excellent packet performance for virtualized features, providing advanced features including VMDq, SR-IOV and DPDK to deliver amazing performance. It is designed to support demanding workloads for enterprise, cloud, and data centers.

## Specifications

Basic	
Controller	Intel® XXV710
Speed/Connector	2 x 25G SFP28
Interface	PCIe 3.0 x8 golden finger
Features	
LAN Bypass	N/A
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	N/A
Watchdog Timer	Yes
LED Definition	Amber: 25GbE, Green: 10GbE/1GbE
Mechanical / Environmental	
Cooling	Locking heatsink with fan
Operating Temp.	0°C to +40°C (+32°F to +140°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 183.8 mm (7.24") x 42.8 mm (1.69")

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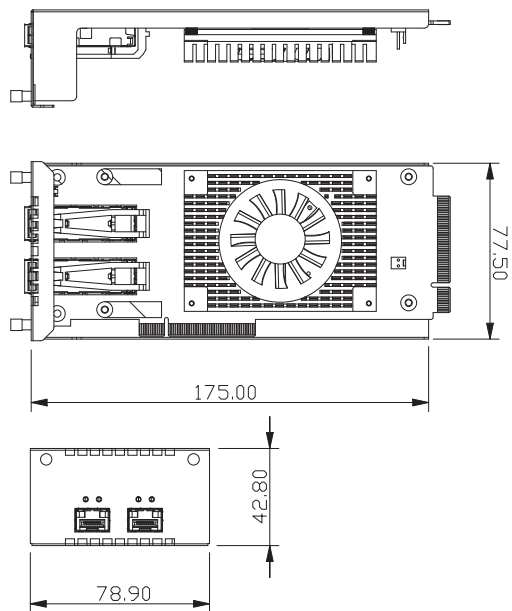
## Ordering Information

### Standard

AX93332 (P/N:E393332100)	Dual-port 25GbE SFP28 Module with Intel® XXV710 with Tray
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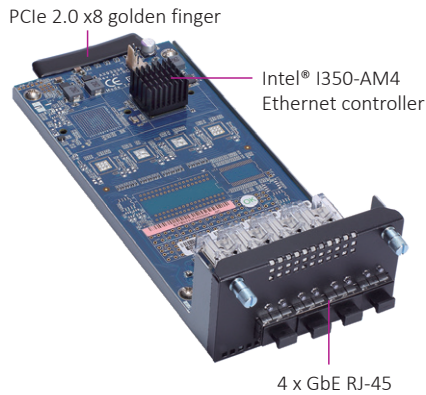
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## Dimensions



# AX93336

## Quad-Port LAN Module with Intel® I350-AM4 GbE Ethernet Controller



### Features

- Intel® I350-AM4 Ethernet controller
- Quad GbE RJ-45 or SFP ports
- PCIe 2.0 x8 golden finger
- 2-pair LAN Bypass (optional)
- Supports Intel® Virtualization Technology for connectivity (Intel® VT-c)
- RoHS compliant

### Overview

The AX93336 LAN module is built with an Intel® I350-AM4 GbE Ethernet controller, incorporating Jumbo Frames and Intel® VT-c (Intel® I350-AM4) to optimize network traffic processing. It also comes with an optional LAN bypass function to ensure smooth network connectivity at all times, making it an ideal solution for users seeking better protection of their essential business communications in the event of a power outage, system shutdown or crash. This LAN module's high-density design is specifically adapted for Axiomtek's 1U and 2U rackmount network appliances, featuring four GbE RJ-45 or four SFP ports plus a PCIe 2.0 x8 golden finger for expansion flexibility, giving customers the freedom to streamline their individual network infrastructure deployments to fulfill fast-changing networking demands quickly and cost-effectively.

### Specifications

Basic	
Controller	Intel® I350-AM4
Speed/Connector	4 x GbE RJ-45 or 4 x SFP
Interface	PCIe 2.0
Features	
LAN Bypass	Optional (refer to ordering information)
Jumbo Frames	Yes
Intel® VT-c	VMDq, SR-IOV
Acceleration	Data Plane Development Kit (DPDK)
LED Definition	Amber: 1 GbE, Green: 100 Mbps
Available Models	NA363R, NA580, NA590, NA592, NA720, NA721, NA860, NA861, and NA870
Mechanical/Environmental	
Operation Temp	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	78.9 mm (3.11") x 175 mm (6.89") x 42.8 mm (1.69")

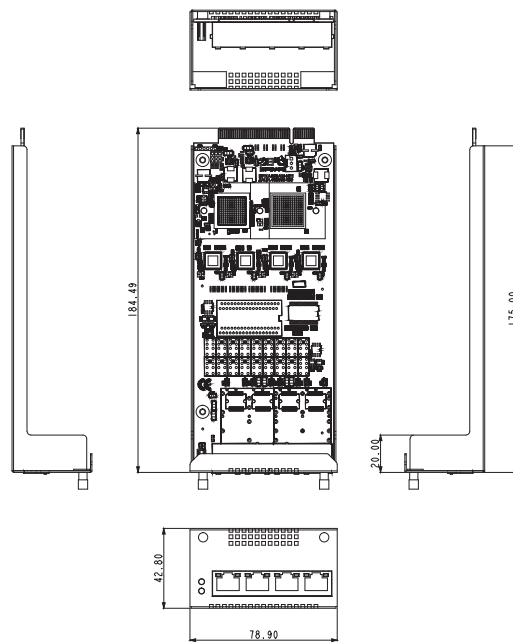
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## Ordering Information

### Standard

AX93336-4GIL-I350 2 LBP with LAN Tray (P/N: E393336102)	LAN module with Intel® I350 and 4 copper LAN ports with 2-pair LAN bypass
AX93336-4FI-I350 with LAN Tray (P/N: E393336103)	LAN module with Intel® I350 and 4 fiber LAN ports

## Dimensions



# AX93357

Dual-Port 100 Gb/s QSFP28 Ethernet Module



## Features

- Supports multiple port speeds with a single architecture: 100/50/25/10/1GbE
- Intel® Ethernet Adaptive Virtual Function (Intel® Ethernet AVF)
- Enhanced server virtualization: 256 VFs, 768 VSIs
- Enhanced Data Plane Development Kit (DPDK)
- Suitable for data centers or cloud computing

## Specifications

Basic	
Controller	Intel® E810-CAM2
Speed/Connector	2 x QSFP28
Interface	PCI Express 3.0/4.0 x16
Compatibility	NA870
Features	
LAN Bypass	N/A
Jumbo Frames	Yes
Virtualization Features	SR-IOV with up to 256 Virtual Functions (VF)
LED Definition	Green
Mechanical / Environmental	
Cooling	Locking heatsink with fan
Operating Temperature	0°C to +40°C (+32°F to +140°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	167.54 mm (6.60") x 120.05 mm (4.73") x 18.42 mm (0.73")



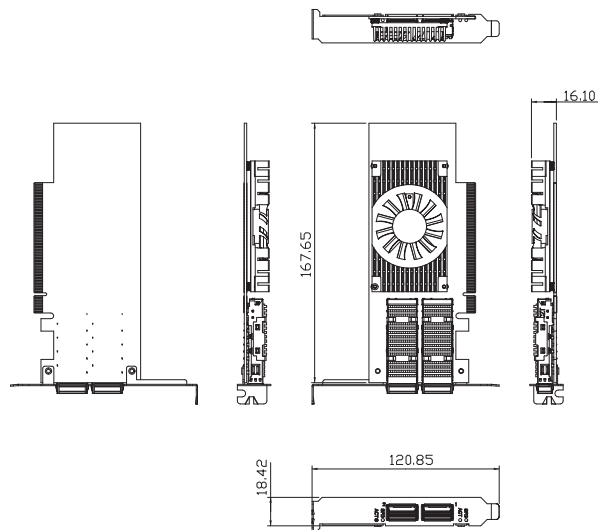
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## Ordering Information

### Standard

AX93357 (P/N: E393357100)	Dual-Port 100 Gb/s QSFP28 module with Intel® E810
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## Dimensions



# AX93358

Dual-Port 100 Gb/s Ethernet (QSFP28) Module with Intel® E810



## Features

- Supports multiple port speeds with a single architecture: 100/50/25/10/1GbE
- Intel® Ethernet Adaptive Virtual Function (Intel® Ethernet AVF)
- Enhanced server virtualization: 256 VFs, 768 VSIs
- Enhanced Data Plane Development Kit (DPDK)
- Suitable for data centers or cloud computing

## Specifications

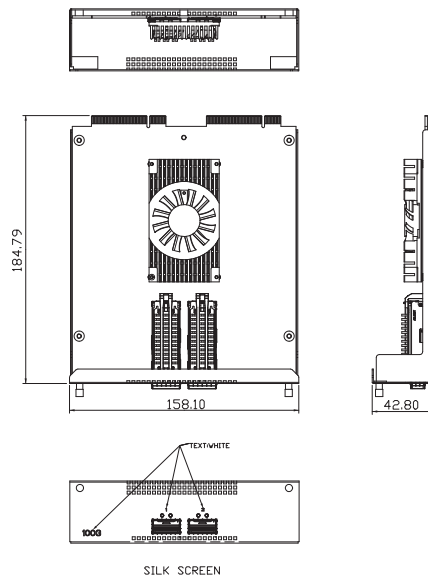
Basic	
Controller	Intel® E810-CAM2
Speed/Connector	2 x QSFP28
Interface	2 x Gen 3 PCIe x8 (Double slot width)
Compatibility	NA870
Features	
LAN Bypass	N/A
Jumbo Frames	Yes
Virtualization Features	SR-IOV with up to 256 Virtual Functions (VF)
LED Definition	Green
Mechanical / Environmental	
Cooling	Locking heatsink with fan
Operating Temperature	0°C to +40°C (+32°F to +140°F)
Humidity	10% - 90% RH, non-condensing
Dimensions	158.10 mm (6.23") x 184.78 mm (7.30") x 42.8 mm (1.69")

## Ordering Information

### Standard

AX93358 (P/N: E393358100)	Dual-Port 100 Gb/s QSFP28 module with Intel E810, double width LAN tray
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## Dimensions





## ASIA

### **Axiomtek Co., Ltd (HQ)**

8F., No.55, Nanxing Road, Xizhi District,  
New Taipei City 221, Taiwan

**T/** +886-2-8646-2111

**F/** +886-2-8646-2555

**E/** info@axiomtek.com.tw

### **Axiomtek Technology (Shen- zhen) Co., Ltd**

Unit GH, 6F, Building 7 (Block B), Baoneng  
Science and Technology Park, Longhua  
Street, Qinghu Community, Qinghu Village,  
Longhua District, Shenzhen, China

**T/** +86-0755-66865899

**F/** +86-0755-66863068

**E/** axcn@axiomtek.com.cn

### **Axiomtek Japan Co., Ltd.**

3F, 1-7-11, Higashi Nihonbashi,  
Chuo-Ku, Tokyo  
103-0004, Japan

**T/** +81-(0)3-6206-0308

**E/** info@axiomtek.co.jp

### **Axiomtek (Malaysia) Sdn. Bhd.**

No 16, Jalan Tandang 51/205A,  
Seksyen 51, 46050 Petaling Jaya, Selangor,  
Malaysia

**T/** +603-77731203

+603-77724403

**E/** info@axiomtek.com.my

### **Axiomtek (Thailand) Co., Ltd.**

7/17 Moo 6, Tumbol Banmai,  
Amphur Pakkret, Nonthaburi,  
Thailand 11120

**T/** +662-573-4725

**F/** +662-573-4726

**E/** sales@axiomtek.co.th

## USA

### **Axiomtek (U.S. HQ)**

18138 Rowland Street, City of Industry,  
CA 91748, USA

**T/** +1-626-581-3232

**F/** +1-626-581-3552

**E/** info@axiomtek.com  
sales@axiomtek.com

### **Regional Sales Office**

Western Region ext. 116  
Northeast/Southeast Region ext. 123  
North Central Region ext. 189

**T/** +1-626-581-3232

### **Axiomtek Systems**

300 Griffin Brook Drive, Methuen,  
MA 01844, USA

**T/** +1-978-258-0108

## EU

### **Axiomtek Deutschland GmbH**

Elisabeth-Selbert-Straße 21a  
40764 Langenfeld, Germany

**T/** +49-2173-399360

**E/** welcome@axiomtek.de

### **Axiomtek UK Limited**

Peter House, Oxford Street, Greater  
Manchester M1 5AN, UK

**T/** +44(0)1612093680

**E/** info@axiomtek.co.uk

### **Axiomtek Italia S.r.l.**

Via Pavia, 21  
20835 Muggiò (MB), Italy

**T/** +39-02-664299.1 r.a.

**E/** info@axiomtek.it

