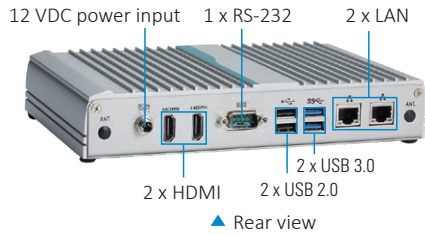
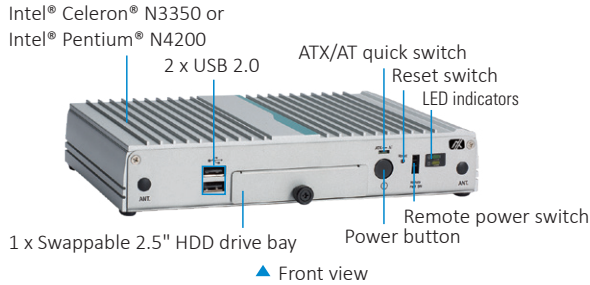


eBOX100-312-FL

Fanless Embedded System with Intel® Celeron® N3350 or Pentium® N4200, 2 HDMI, 2 GbE LAN, and 6 USB



Features

- Intel® Celeron® N3350 2.4 GHz or Pentium® N4200 2.5 GHz
- Supports 2 HDMI, 1 COM, 6 USB, and 2 GbE LAN
- 2 PCI Express Mini Card slots for WLAN and WWAN
- 1 swappable 2.5" SATA HDD drive bay
- Supports Jumbo Frame (9k), WoL, and PXE Remote Boot
- Suitable for smart retail and light industries
- Azure certified



12 VDC



IP40



Fanless



Low Power



4K Ultra HD



Dual-View



USB 3.0

Specifications

| | |
|---------------------|--|
| Standard Color | Silver |
| Construction | Aluminum extrusion and heavy-duty steel, IP40 |
| CPU | Intel® Celeron® N3350 2.4 GHz with turbo boost Intel® Pentium® N4200 2.5 GHz with turbo boost |
| System Memory | 1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB |
| Chipset | SoC integrated |
| BIOS | AMI UEFI BIOS |
| System I/O Outlet | 1 x RS-232 2 x HDMI 1.4b 2 x 10/100/1000 Mbps Ethernet (Intel® I210-AT) 2 x USB 3.0 4 x USB 2.0 4 x Antenna opening 1 x ATX power switch 1 x ATX/AT quick switch 1 x Reset switch connector 1 x Remote power switch 1 x Screw-type VDC power input connector |
| Watchdog Timer | 255 levels, 1 to 255 sec. |
| Storage | 1 x 2.5" SATA HDD drive bay (up 9.5 mm height) |
| Expansion Interface | 2 x Full-size PCI Express Mini Card slot (USB + PCIe) 1 x SIM slot |
| TPM | N/A |
| System Indicator | 1 x Green LED for system power-on 1 x Orange LED for HDD active |
| Power Input | 12 VDC |

Specifications

| | |
|-----------------------|--|
| Operating Temperature | -5°C to +60°C (+23°F to +140°F) (with W.T. DRAM & SSD) |
| Storage Temperature | -20°C to +85°C (-4°F to +185°F) |
| Humidity | 10% to 90%, non-condensing |
| Vibration Endurance | 3 Grms with SSD (5 to 500 Hz, X, Y, Z directions) |
| Dimensions | 216 mm (8.5") x 137.65 mm (5.41") x 38 mm (1.49") |
| Weight (net/gross) | 1.15 kg (2.53 lb)/1.5 kg (3.3 lb) |
| Certifications | CE, FCC Class A, UKCA |
| EOS Support | Win 10 IoT, Linux |

Packing List

- 1 x Screw pack
- 4 x Pre-installed foot pad
- 1 x HDD rubber
- 1 x Remote power switch cable

Power Protection

AC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

| | |
|--|---|
| eBOX100-312-FL-DC-N3350 (P/N: E36K100110) | Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, 2 HDMI, 2 GbE LAN, and 6 USB (without adapter and power cord) |
| eBOX100-312-FL-DC-N4200 (P/N: E36K100111) | Fanless embedded system with Intel® Pentium® N4200 2.5 GHz, 2 HDMI, 2 GbE LAN, and 6 USB (without adapter and power cord) |

Optional

| | |
|---------------|-------------------------------------|
| 2.5" SATA HDD | 64GB or above |
| 2.5" SATA SSD | 100GB or above |
| DDR3L SO-DIMM | 2GB to 8GB |
| E29R129100 | Wall mount kit |
| E29R129110 | VESA mount kit |
| E29R129120 | DIN-rail kit |
| | Wi-Fi/LTE module |
| 50956A24030E | 12V 36W power adapter Power cord |

*Specifications and certifications may vary depending on specific requirements.

Dimensions

