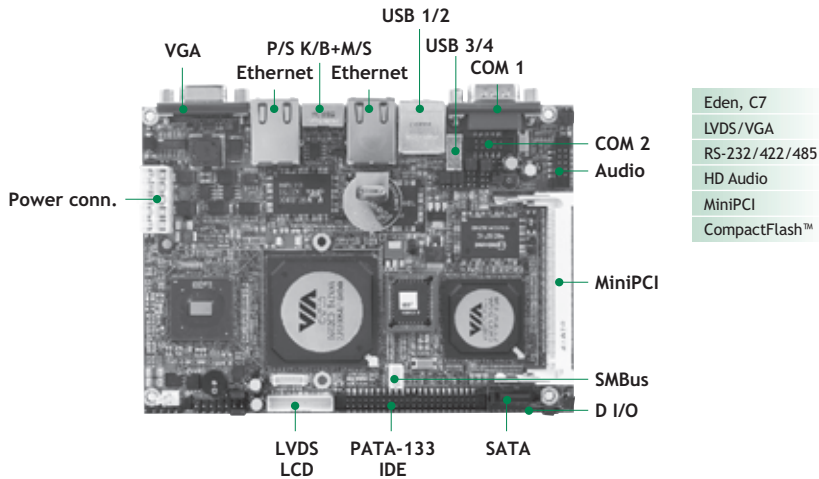


SBC84700

VIA V4 Embedded SBC with DualView, Dual LANs and SATA



System

CPU	VIA V4 compliant Eden/C7 processor onboard
System Memory	1 x 200-pin DDR2-400/533 SODIMM max. up to 1GB
Chipset	VIA CN700+VT8237R PLUS
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	1 x CompactFlash™ type-II
Board unique ID	Board unique ID (optional)
Watchdog Timer	255 levels, 0-255 sec.
Expansion Interface	1 x MiniPCI type-III for PCI
Battery	Lithium 3V/196 mAh
Size	146 x 104 mm
Temperature	0° C ~ +60° C (32° F ~ 140° F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x IDE; PATA-133 1 x FDD 1 x PS/2 keyboard/mouse 1 x RS-232/422/485 (COM 1); with +5V/+12V powered 1 x RS-232 (COM 2); with +5V/+12V powered
SATA	1 x SATA-150
Hardware Monitoring	Support CPU/System temperature, CPU/System voltage, and CPU/System Fan features
Ethernet	* 1 port as 10/100Mbps supports, Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8100C (optional for 10/100/1000Mbps with Realtek RTL8110S) * 2nd port as with Realtek RTL8139DL
Audio	AC'97 Codec audio as MIC-in/Line-out/ Speaker-out with VIA VT1612A
USB	4 x USB 2.0; via box-header for wiring solution
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	3 channel IN and 5 channel OUT

Display

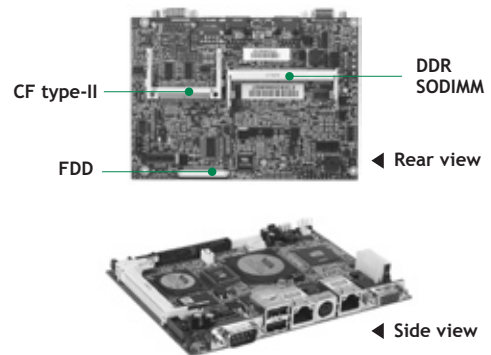
Chipset	Integrated in VIA CN700
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	VGA: up to 1600 x 1200 LVDS LCD: 24-bit single/dual channel up to 1600 x 1200
Output Interface	* VGA with D-sub 15-pin connector * LVDS LCD via 40-pin Hirose connector and 7-pin Inverter connector

* W.T.: Wide Temperature

Features



- Low power fanless VIA V4 Eden/C7 processor onboard
- VIA CN700+VT8237R PLUS chipset
- DualView with different content & resolution
- Dual 10/100 Mbps Ethernet supported
- MiniPCI slot for PCI Bus expansion
- +5V only single voltage DC-in supported



Packing List

Standard				
Quick installation guide, user's manual/utility CD, cable				
Cable				
Part Number	Description	SBC84700 VEEA-1GE Qty	SBC84700 VEEA-1.5G Qty	SBC84700 VEEA-500E Qty
59402010000E	ATX power cable 10P L=150mm	1	1	1
593826A0000E	SATA singal cable 500mm 44-44-40 pin IDE cable	1	1	1
59484500010E	L=200mm+200mm	1	1	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket L=180mm	1	1	1
59382620000E	COM port x 1w/ bracket, P=2.0 L=300mm	1	1	1
59384500100E	Audio cable w/ bracket P=2.0 L=450mm	1	1	1

Ordering Information

Standard	
SBC84700VEEA-500E (P/N: E384700107)	With V4 Eden 500 MHz CPU, VGA/LVDS LCD, 2 10/100Mbps, AC'97 audio and 2 COM ports
SBC84700VEEA-1GE (P/N: E384700101)	With V4 Eden 1 GHz CPU, VGA/LVDS LCD, 2 10/100Mbps, AC'97 audio and 2 COM ports
Optional	
SBC84700VEEA-1.5G (P/N: E384700105)	With V4 C7 1.5 GHz CPU, VGA/LVDS LCD, 2 10/100Mbps, AC'97 audio and 2 COM ports