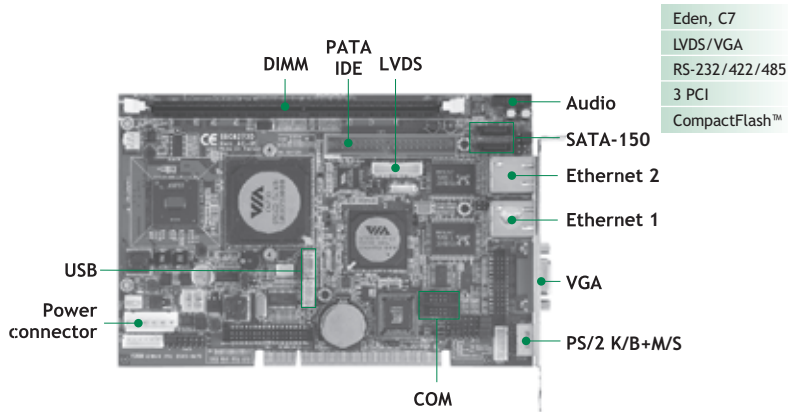


SBC82700

VIA V4 PICMG 1.0 PCI Half-size CPU Card with VGA/LVDS, Dual LANs and Audio



System

CPU	VIA V4 compliant Eden/C7 processor onboard with FSB 400/533 MHz
System Memory	1 x 240-pin DIMM supports DDR2-400/533 max. up to 1GB
Chipset	VIA CN700 + VT8237R Plus
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	32-bit PCI with 3 bus masters
Battery	Lithium 3V/220 mAH
Power Requirements	VIA C7 @1.0 GHz, 1GB DDR2 +5V_SBY @ 15mA, +3.3V @ 58mA, +5V @ 1.427A, +12V @ 354mA, -12V @ 8mA
Size	185 x 122 mm
Board Thickness	1.6 mm
Temperature	0°C - +60°C (32°F - 140°F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing

I/O

MIO	1 x IDE; PATA-133 1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232 (COM1) 1 x RS-232/422/485 (COM2)
SATA	2 x SATA-150
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 ports as 10/100Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8100C
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/speaker-out with VIA VT1612A
USB	6 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control

Features



- Low power fanless V4 Eden/C7 processor
- VIA CN700 + VT8237R PLUS chipset
- DualView with different content & resolution
- VGA and LVDS display supported
- Dual 10/100 Mbps Ethernet supported

Display

Chipset	VIA CN700 intergrated
Memory Size	Max. up to 64 MB
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	Qty
5938450000E	COM + Print cable w/ bracket	1
59382601000E	Ultra DMA66 IDE cable 40P 455mm	1
593826A0000E	SATA signal cable 500mm	1
59382631000E	2 x USB 2.0 wafer cable with bracket 180mm	2
59384500100E	Audio cable with bracket 2.0 pitch 450mm	1

Ordering Information

Standard	
SBC82700VEEA-1G (P/N: E382700101)	PICMG 1.0 half-size CPU card with VIA C7 1 GHz CPU, VGA, 2 10/100Mbps Ethernet, audio and 4 USB