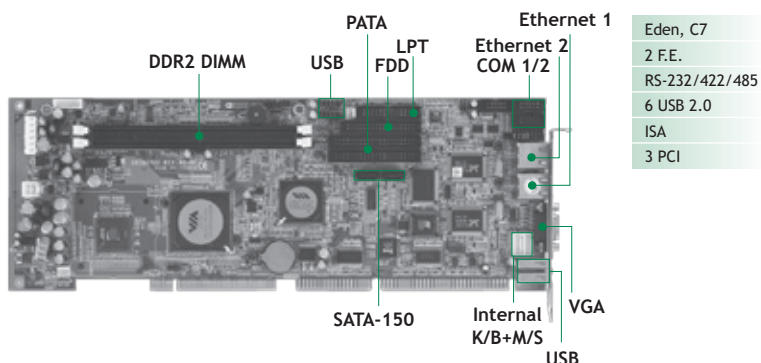


SBC81700

VIA V4 PICMG 1.0 Full-size CPU Card with VGA and Dual LANs



Low Power



Eden, C7
2 F.E.
RS-232/422/485
6 USB 2.0
ISA
3 PCI

Features

- VIA V4 C7/Eden processors
- VIA CN700 + VT8237R-Plus+ITE8888G chipset
- 2 DDR2-400/533 DIMMs support up to 2 GB
- ISA with high drive support up to 500mA

System

CPU	VIA V4 compliant Eden/C7 processor onboard with FSB 400/533 MHz
System Memory	2 x 240-pin DIMM supports DDR2-400/533 max. up to 2GB
Chipset	VIA CN700 + VT8237R Plus
BIOS	Phoenix-Award
SSD	N/A
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	3 x 32-bit PCI bus masters 16-bit ISA bus
Battery	Lithium 3V/220 mAH
Power Requirements	VIA Eden @ 1.0 GHz, 1GB DDR2 +5V_SBY @ 9mA, +3.3V @ 95mA, +5V @ 1.499A, +12V @ 260mA, -12V @ 75mA
Size	338 x 122 mm
BoardThickness	1.6 mm
Temperature	0°C - +60°C (32°F - 140°F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing

I/O

MIO	2 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 (COM 1) 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 (optional)
USB	6 x USB 2.0
SMBus	N/A

Display

Chipset	VIA CN700 intergrated
Memory Size	Max. up to 64 MB
Display Interface	1 x VGA

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	Qty
59380502000E	COM + Print cablew/ bracket	1
59382601000E	Ultra DMA66 IDE cable 40P 455mm	1
593826A0000E	SATA signal cable 500mm	1

Ordering Information

Standard	
SBC81700VEE-1GE (P/N: E381700102)	PICMG 1.0 full-size CPU card with VIA V4 Eden 1 GHz CPU, VGA and 2 10/100Mbps Ethernet
SBC81700VE-1GE (P/N: E381700101)	PICMG 1.0 full-size CPU card with VIA V4 Eden 1 GHz CPU, VGA and 10/100Mbps Ethernet
Optional	
SBC81700VEE-1.5G (P/N: E381700100)	PICMG 1.0 full-size CPU card with VIA V4 C7 1.5 GHz CPU, VGA and 2 10/100Mbps