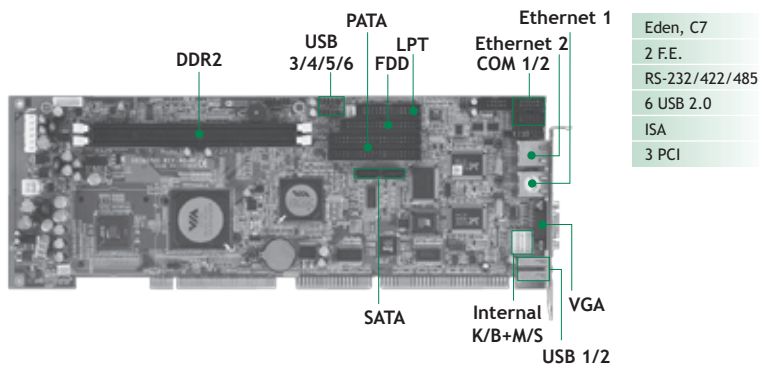


SBC81700

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



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 C7/Eden processor with FSB 400MHz
System Memory	2 x 240-pin DDR2-400/533 DIMMs max. up to 2 GB
Chipset	VIA CN700+VT8237R-Plus+ITE8888G
BIOS	Phoenix-Award BIOS
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	* 32-bit PCI with 3 bus masters * 16-bit ISA with high drive up to 500mA
Battery	Lithium 3V/196mAH
Size	338 x 122mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation 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	Support CPU/System temperature, CPU/System voltage, and CPU/System fan features
Ethernet	2 ports as 10/100Mbps support Wake-on-LAN, PXE Boot ROM with Realtek RTL8100C (optional as 10/100/1000Mbps with Realtek RTL8110SC)
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/ Speaker-out with VIA VT1612A (optional)
USB	6 x USB 2.0; 2 ports on the rear I/O, 4 ports with pin-header
SMBus	System Management Bus for advanced monitoring/control interface

Display

Chipset	Integrated in VIA CN700
Memory Size	Dedicated up to 64MB frame buffer
Specifications	VGA up to 1600 x 1200 @ 75 Hz with 32-bit color
Output Interface	VGA with D-sub 15-pin connector

Packing List

Standard			
Quick installation guide, user's manual/utility CD, cable			
Cable			
Part Number	Description	SBC81700VEE-1GE Qty	SBC81700VE-1GE Qty
59380502000E	COM + Print cable w/ bracket	1	1
59382601000E	Ultra DMA66 IDE cable 40P 455mm	1	1
593826A0000E	SATA signal cable 500mm	1	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
SBC81700VE-1GE (P/N: E381700101)	PICMG 1.0 full-size CPU card with VIA V4 Eden 1 GHz CPU, VGA and 10/100Mbps
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