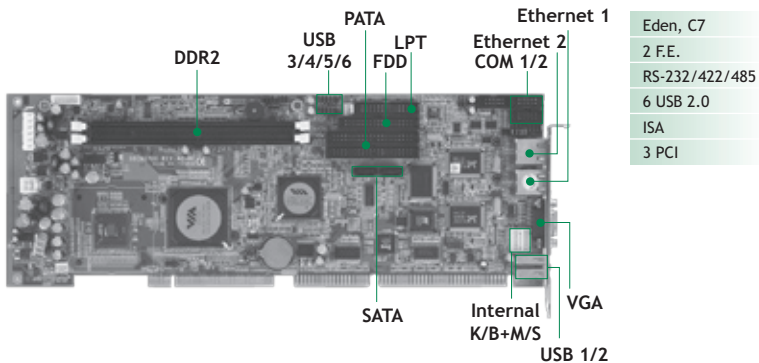


SBC81700

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



| |
|----------------|
| 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 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 |