

SYS7180CVEA

Socket 478 Pentium 4 CPU Card w/ VGA/Sound/LAN

FEATURES

- Supports 2 x DDR SDRAM up to 2GB
- Supports 4 x USB2.0
- Supports DOC up to 288MB
- Built-in compact flash slot (optional)
- AT power support (recommend 50W/5V; 100W/12V)
- VGA built-in Intel 845GV chipset
- PPCI & DVO functions make the card more flexible and expandable (optional)



SPECIFICATIONS

>> Systems

CPU Type	Intel Pentium 4/ Celeron (Northwood) processor
CPU Frequency	1.4~3.06GHz
Chipset Intel	845GV + ICH4
DRAM	2x184-pin DDR DIMM, support DDR333 SDRAM up to 2GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	16 level Watchdog timer selectable w/Reset/NMI
Power Supply	Support AT/ATX power
Power Requirement	+5V, +12V, +5VSB Minimum AT power Requirement, 5V:50W; 12V:100W.
Power Consumption	+5V: 2.93A/ +12V: 3.5A (Pentium 4-2.0 GHz) ; +5V: 2.9A/ +12V: 3.3A (Celeron 1.7 GHz)
Dimension	338.5mm x 122mm (13.33" x 4.8")

>> I/O Ports

IDE Interface	2x40-pin IDE (UDMA 33/66/100)
SSD	32-pin socket supports DOC up to 288MB
CF	1 x compact flash slot (IDE)
FDD Interface	1
Bus Interface	PPCI BUS
Serial Port	2 x COM ports, COM1 for RS232, COM2 for RS232/422/485(for 16550 compatible type of UART)
Parallel Port	1 x parallel (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w/ KB) or Y-cable
LAN	Intel 82562EM (10/100Mbps) Support Wake-on-LAN with ATX power
Audio	AC '97 Codec, Realtek ALC202A with Line-in/Line-out/MIC
USB	4 x USB 2.0

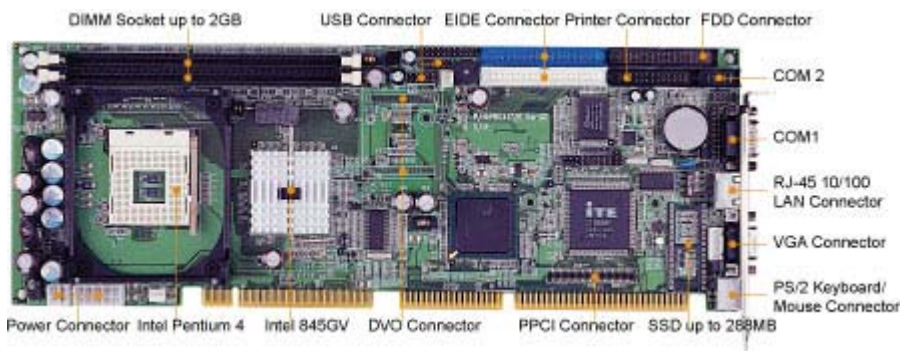
>> Display

Graphics	Built-in Intel 845GV, share system memory, support CRT & DVO
LCD Interface	DVO

>> Environment

Operation Temperature	0°~60°C(32°~140°F)
Storage Temperature	-40°~85°C(-40°~185°F)
Humidity	Operation Humidity 20~90%, Storage Humidity 20~95%

HIGHLIGHTS



ACCESSORY

Daughter Board	Discription
SYSA-9330	PPCI, Audio Card
SYSA -9356	PPCI, SCSI Card
SYSA -E9010	EPCI, LAN Card
SYSA -E9011	EPCI, LAN Card
SYSA -E9015	EPCI, LAN Card
SYSA -E9016	EPCI, LAN Card
SYSA -E5310	EPCI, SATA Card
SYSA -9614	12-bit DVO to 18/24/36-bit LVDS
Part Nummber	Cable
SYSAUSB	2.54 Pitch USB Cable
SYSA PS2-6	2.54 Pitch PS/2 Cable
SYSA PSK-M	Y-Cable WKB-MOUSE

ORDERING INFORMATION

Order Number	Description
SY57180CVE	PICMG S478 P4 CPU card w VGA / LAN
SY57180CVEA	PICMG S478 P4 CPU card w VGA / Audio / LAN