

PC-680



P-II / P-III CPU Card with VGA / SCSI

Optional Solutions:

PC-680	P-II/P-III Embedded Card w/ VGA / SCSI
PC-681	P-II/P-III Embedded Card w/ VGA, w/o SCSI
PC-682	P-II/P-III Embedded Card w/o VGA, SCSI



→ CPU Type:	Intel® Pentium-II and Pentium III
→ CPU Voltage:	Auto Detect.
→ CPU Clock:	233~600 MHz(600 up reserved)
→ Power Requirement:	+5V and +12V
→ DRAM:	up to 512MB, with four 168-pin DIMM socket on board
→ Cache:	Built-in CPU
→ BIOS:	Award PnP BIOS, Flash ROM, with VGA BIOS
→ S/IO Setup:	By Software configuration
→ IDE Interface:	Two IDE (UDMA/33), support 4 devices
→ FDD Interface:	Support up to two FDDs
→ Serial Port:	Two 16550 UARTs : COM1 for RS-232 COM2 for RS-232/422/485
→ Parallel Port:	Bi-directional, Support SPP/EPP/ECP.
→ Watchdog:	16 Level Watchdog Timer
→ SSD:	32-pin DOC socket supports up to 144Mb
→ CMOS:	Real Time Clock/Calendar
→ Keyboard:	Mini DIN Connector & external Keyboard
→ Mouse:	Mini DIN Connector (selectable w/ connector)
→ Speaker:	Internal Buzzer and external Speaker connector
→ VGA :	C&T 65550 2M DRAM for CRT & LCD
→ SCSI:	Adaptec 7880, SCSI II, and Ultra-wide SCSI
→ USB:	Support up to two Universal Serial Bus ports.
→ Bus Interface:	ISA/PCI (PICMG spec); PC-104 Bus
→ Green Function:	Controlled by Hardware and Software
→ Dimension:	338.5mm x 122mm



PERFORMANCE & POWER CONSUMPTION

CPU Type	Landmark speedv6.0	Banchmark Power Meterv1.81	Power Consumption +5V/+12V
Intel PII-233	2944.01 MHz	113.8 MIPS	11.1A/500 mA
Intel PII-266	3364.62 MHz	129.3 MIPS	12.0A/500 mA
Intel PII-400	5027.14 MHz	189.6 MIPS	11.9A/500 mA

CHARACTERISTIC

Environment	Operation	Storage
Temperature	0°C ~ 60°C	-40°C ~ 85°C
Humidity	20~90%	20~90%
Vibration	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep	2.5g acceleration over 5 to 2000Hz sine wave(p-p), 1 oct/min sine sweep
Shock	30g, 11 msec duration, half-sine shock pulse	30g, 11msec duration, half-sine shock pulse



TOP