

# Industrial Single Board Computer

## Full-size PICMG CPU Card

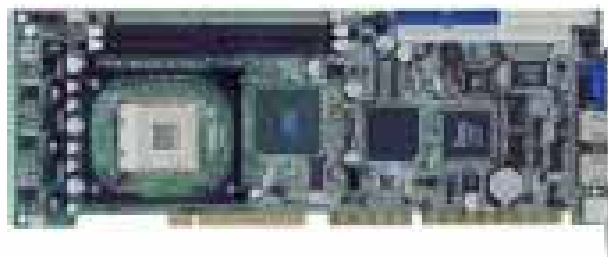
### FS-977

Full-size PICMG Pentium 4 DDR CPU Card

With 533/400 MHz FSB , Intel Hyper-Threading

Intel Extreme Graphics , Hi-Speed USB 2.0

Dual LAN , Audio , DOC and ISA 64Ma High Drive



<b>Form Factor</b>	Full size PICMG-bus CPU Card / Slot PC PICMG version 1.0 (Rev. 2.0 ) and PCI version 2.0 compliant	
<b>CPU</b>	Intel Mpga478 Pentium 4 / Celeron CPU up to 3.06GHz @ 533/400MHz FSB Intel 0.13- / 0.18-micron Northwood / Willamette Pentium 4 / Celeron CPU Support Intel Hyper-Threading Technology	
<b>Memory</b>	2 GByte DDR200/266/333 SDRAM on 2 x 184-pin DIMM sockets	
<b>Chipset</b>	Intel Brookdale-GV chipset with 82845GV GMCH and 82801DB ICH4	
<b>Watchdog Timer</b>	Generates NMI or system reset with 1 to 255 sec. / min. of time out value	
<b>Real Time Clock</b>	Intel ICH4 integrated RTC with onboard lithium battery	
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode with ATX PSU	
<b>ISA High Drive</b>	ISA 64mA high Drive capacity with TI 245 buffer on the ISA address and data bus	
<b>PCI Enhanced IDE</b>	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices IDE2 supports +5V Vcc for additional DiskOnModule (DOM) flash disk	
<b>VGA Interface</b>	Intel 845GV GMCH built-in Intel Extreme Graphics with 266 MHz VGA core Intel Dynamic Video Memory up to 64 MBytes shared with system memory External DB15 female connector on bracket and internal 16-pin header	
<b>LAN Interface</b>	Integrated dual Intel PRO/100+ LAN interfaces, IEEE802.3U compliant 1st LAN with Intel ICH4 and 82562ET, optional 2nd LAN with Intel 82551QM	
<b>Audio Interface</b>	Intel ICH4 chipset with onboard AC97 3D audio code	
<b>Multi-I/O Port</b>	2 x RS-232 serial port, 1 x SPP/EPP/ECP parallel port 4 x Hi-Speed USB 2.0 ports, 1 x IrDA port, 1 x floppy port 1 x external PS/2 keyboard / mouse and 1 x internal AT keyboard port	
<b>Solid State Disk</b>	Onboard 32-pin DIP JEDEC DiskOnChip socket up to 576 MB of capacity	
<b>Environment</b>	Power Requirement: +5V, +12V, -12V (Additional 5V standby for ATX mode) Board Dimension: 338 x 122 mm (L x W) Operation Temperature: 0 ~ 60oC (32 ~ 140oF)	
<b>Ordering Code</b>	<b>FS-977VL</b>	Full-size PICMG Pentium 4 DDR CPU Card with 533/400 MHz FSB, Intel Brookdale-GV chipset with 82845GV GMCH and 82801DB ICH4Intel Extreme Graphics, LAN, Audio, Hi-Speed USB 2.0, DiskOnChip Interface and ISA 64mA High Drive Capacity
	<b>FS-977VL2</b>	Same as FS-977VL but with Dual Intel LAN

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