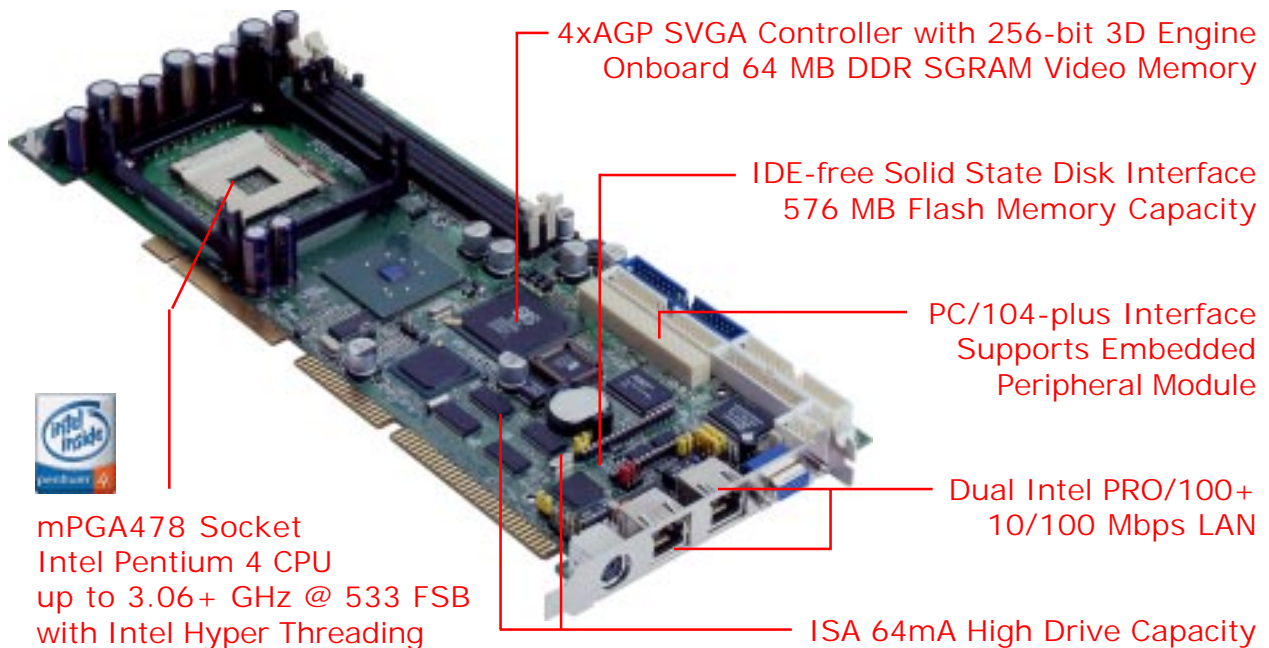


Advanced Pentium 4 DDR Platform



Intel Pentium 4 CPU @ 533 FSB with DDR Solution
Onboard 64 MB DDR SGRAM for Frame Buffer



FS-976 Features

- Intel Socket 478 Pentium 4 / Celeron CPU @ 533/400 MHz FSB up to 3.06+ GHz with Intel Hyper Threading Technology
- Memory Capacity up to 2 GBytes DDR200/266 SDRAM with ECC
- Powerful 4xAGP SVGA Controller with built-in 256-bit 3D Engine and Onboard 64 MB DDR SGRAM Independent Video Memory
- Powerful Network Capacity with Dual Intel PRO/100+ LAN Interface
- PC/104-plus Interface supports Add-in Multiple LAN, Ultra160 SCSI, IDE Adapter, IDE RAID, and Other PCI-based Peripheral Modules
- M-systems DiskOnChip Single Chip Solid State Flash Disk Interface
- ISA 64mA High Drive Capacity for CT Server and Multiple ISA Platform

Industrial Pentium 4 CPU Card

533MHz FSB, DDR and 64 MB DDR SGRAM



FS-976

Full-size PICMG Pentium 4 DDR CPU Card
with 4xAGP 3D SVGA/64 MB DDR VRAM
Dual Intel LAN, PC/104-plus, DiskOnChip
Interfaces and ISA 64mA High Drive Capacity



Form Factor	Full-size PICMG-bus CPU Card / Slot PC PICMG version 1.0 (Rev. 2.0) and PCI version 2.0 compliant
CPU	Intel Socket 478 Pentium 4 / Celeron CPU @ 400/533 MHz FSB up to 3.06 GHz and above with Intel Hyper Threading Technology Intel 0.13/0.18-micron Northwood / Willamette Pentium 4 CPU supported
Memory	2 GBytes DDR SDRAM on 2 x 184-pin DIMM sockets with ECC supported
Chipset	Intel Brookdale-E chipset with 82845E MCH and 82801BA ICH2
Watchdog Timer	Generates NMI or system reset with 1 to 255 sec. / min. of time out value
Real Time Clock	Intel ICH2 integrated RTC with onboard lithium battery
ISA High Drive	ISA 64mA high drive capacity with TI 245 buffer on address and data bus
PCI Enhanced IDE	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices IDE2 supports +5V Vcc for additional DiskOnModule (DOM) flash disk
VGA Interface	Integrated SiS315 4xAGP SVGA with 256-/128-bit 3D/2D engine Onboard 64 MBytes DDR SGRAM independent video memory External DB15 female connector on bracket and internal 16-pin header
LAN Interface	Integrated dual Intel PRO/100+ LAN interfaces, IEEE802.3U compliant 1st LAN with Intel ICH2 and 82562ET, 2nd LAN with Intel 82559ER External dual RJ45 connectors on bracket
PC/104+ Interface	One 120-pin 32-bit PCI-based embedded PC/104-plus module connector supports up to 3 PC/104-plus add-in modules (SCSI, Multiple LAN, and others)
Multi-I/O Port	1 x RS-232 and 1 x RS-232/422/485 serial ports 2 x USB ports with USB version 1.1 compliant 1 x SPP/EPP/ECP parallel port 1 x IrDA port, 1 x FDD port 1 x external PS/2 keyboard / mouse and 1 x internal AT keyboard port
Solid State Disk	Onboard 32-pin DIP JEDEC DiskOnChip socket Flash memory capacity up to 1GBytes with ECC/EDC data protection
Environment	Power Requirement: +5V, +12V, -12V (P4 additional +12V power free) Board Dimension: 338 x 122 mm (L x W) Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Code	FS-976VL with VGA, 64MB DDR SGRAM, Intel LAN FS-976VL2 Same as FS-976VL but with Dual Intel LAN and PC/104+