

Industrial PC Platform

Wallmount 8-slot PICMG Pentium 4 DDR Solution



WFB8-976

**Wallmount 8-slot PICMG Pentium 4 DDR Platform
with 533/400 MHz FSB, DDR200/266 ECC SDRAM
4XAGP SVGA with Onboard 64 MB DDR SGRAM
Optional Dual LAN, Dual Channel Ultra160 SCSI
External 2 x 5.25" and 1 x 3.5" Drive Bay
Free 6 Full-size PCI /ISA Expansive Slots**



Form Factor	Industrial wallmount heavy-duty steel chassis with 330 x 172 x 406 mm (W x H x D) PICMG version 1.0 (Rev. 2.0) and PCI version 2.0 compliant
CPU Card (SBC)	COMMELL FS-976 PICMG Socket 478 Pentium 4 DDR Single Board Computer Based on Intel 845E and ICH2 chipset
CPU	Intel Socket 478 Pentium 4 / Celeron CPU up to 3.06 GHz @ 533/400 MHz FSB Support Intel Hyper-Threading Technology and NetBurst Micro-architecture
Memory	2 GBytes DDR200/266 SDRAM with ECC (No-Register) on 2 x 184-pin DIMM sockets
Watchdog Timer	Programmable watchdog timer with 1 to 255 sec./min. of timeout value
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX power supply
Solid State Disk	Onboard M-systems DiskOnChip socket support DiskOnChip2000 flash disk Flash memory capacity up to 1 GBytes with ECC/EDC, 8KBytes of memory window
PCI Enhanced IDE	Dual UltraATA/100 bus master IDE channels up to 4 ATAPI devices Jumper selectable +5V Vcc on IDE2 for power cable free DOM (DiskOnModule)
VGA Interface	Onboard 4xAGP SiS315 VGA chipset with 256-bit 3D engine Onboard 64 MBytes DDR SGRAM independent video memory External DB15 female connector on rear I/O panel
LAN Interface	Dual Intel PRO/100+ 10/100BASE-TX Fast Ethernet interface 1st LAN with Intel ICH2 and 82562ET Phy, optional 2nd LAN with PCI Intel 82559ER External single/dual RJ45 LAN connector with LED on rear I/O panel
PC/104-plus Interface	Optional onboard 32-bit PCI-based PC/104-plus embedded expansive interface up to 3 bus master PCI-based embedded peripheral module
SCSI Interface	Optional PC/104-plus based modular dual channel Ultra160 SCSI interface
Multi-I/O Port	2 x RS-232 (1 RS-232/422/485) serial ports, 1 x SPP/EPP/ECP parallel port 2 x USB 1.1 port, IrDA port, floppy port, AT keyboard, PS/2 keyboard and mouse port
Drive Bay	External 2 x 5.25" and 1 x 3.5" drive bay, internal 1 x 3.5" drive bay All with advanced shock / vibration proof construction
Expansive Interface	Free 7 x PCI / ISA expansive slots with industrial PICMG passive/active backplane Support 6 full-size and 1 half-size add-on cards with hold-down clamp Optional 7 bus master PCI expansive slots with Intel PCI bridge
Thermal Control	One dual ball-bearing 12cm / 85 CFM system cooling fan on the front panel Removable air / dust filter on the external front panel
Front Panel	Lockable front door for system safety, security and dust-proof Power / access LED, power / reset switch and AT keyboard connector