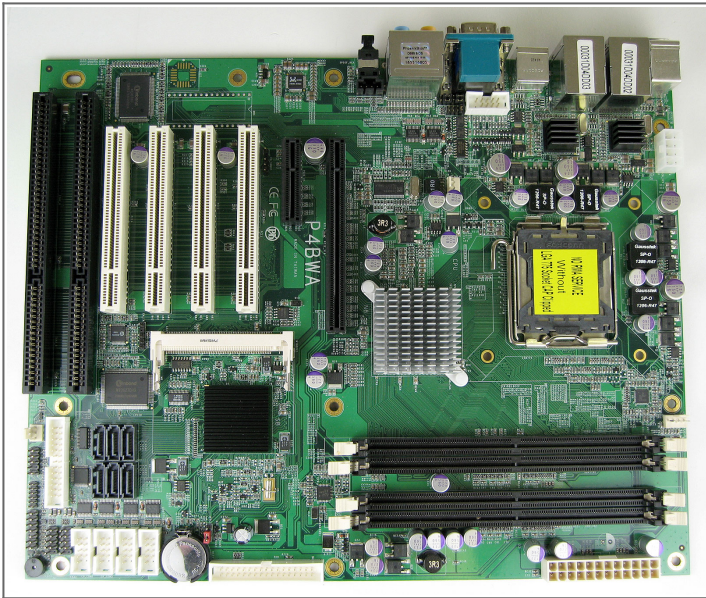




P4BWA

P4BWA Industrial ATX Motherboard



Features

- LGA 775
- 2 ISA
- 4 PCI
- 1 PCIe x4
- 1 PCIe x16
- LPT and Serial
- Dual Gigabit LAN

P4BWA Industrial Motherboard

The P4BWA industrial motherboard is a long-life ATX motherboard with FOUR 32-bit PCI slots, 2 ISA slots, and 1 each PCIe x16 and PCIe x4 slots. This motherboard is Socket 775 for Intel Quad Core, Core 2 Duo, Pentium D, and Pentium 4 processors. The Intel Q965 chipset has integrated GMA 3000 graphics supporting up to 2 independent displays, and takes advantage of features such as Intel Fast Memory Access.

On-Board VGA, HD Audio, Serial ATA, Dual LANs, Serial

The P4BWA industrial motherboard has dual gigabit LANs, supports 5 serial ports and a parallel port, and makes available 6 SATA II devices. There are 6 USB 2.0 ports on the rear panel, and 4 additional via internal headers.

- Supports Intel Core 2 Quad, Core 2 Duo & Pentium D LGA775 processors 533/800/1066 FSB
- 4 x 240-pin DDR2 533/667/800 MHz RAM up to 8 GB
- Intel Q965 & ICH8DO chipset
- Built-in Intel Extreme GMA 3000 video (up to 256 MB shared RAM)
- 6 X SATA II interface with 300 MB/s transfer rate
- Supports RAID 0, 1, 5, 10
- 2 x Intel 82573L Gigabit Ethernet & Realtek ALC888 high defination audio
- 1 x PCI-Express X16, 1 x PCI-Express X4, 1 x mini-PCI, 4 x PCI & 2-ISA (No DMA support for ISA)

Technical Specifications

CPU Socket Type	LGA 775
Chipset	Intel Q965
Channel Supported	Dual Channel
CPU Type	Core 2 Quad / Core 2 Duo / Pentium 4 / Pentium D / Celeron D
Number of Memory Slots	4x240pin
Memory Standard	800 / 667 / 533 DDR2 (non-ECC)
Maximum Memory Supported	8GB
PCIe 2.0 x16	1
PCIe 2.0 x4	1
PCI	4
Mini-PCI	1
ISA	2 (no DMA)
SATA 2.0	6
SATA RAID	0 / 1 / 5 / 10
FDD	1
Graphic Controller	Intel GMA 3000
VGA	1
Display Mode	2x independent
Audio Controller	Realtek ALC888 HD Audio Codec
Ethernet Controller	2x Intel 82573L GbE LAN
PS/2	1x Keyboard, 1x Mouse
USB 2.0	6x rear, 4x internal
Serial	5x COM (COM1 rear, COM2-5 internal)
Serial Types	COM1 (RS-232/422/485 0V/5V/12V), COM2-5 (RS-232 0V/5V/12V)
Parallel	1
Watchdog Timer	255-level
Super I/O Controller	Fintek F81216D
GPIO	8-bits (4x GPI, 4x GPO)
IrDA	1
Power Supply	ATX 24-pin, 12V 8-pin
Operating Temperature	0-60 C
Storage Temperature	-20-85 C
Regulatory Compliance	FCC, CE