



Your Reliable Partner

WI-2P Workstation Board

High-end Dual-Processor Workstation Platform

Dual Intel® Xeon™, Max 12GB Memory, 8x AGP, Gigabit LAN, Dual Channel Ultra160 SCSI

The WI-2P, a dual Intel® Xeon™-based workstation board, features the latest Intel® dual-processor workstation architecture with higher frequency capabilities and a whopping 4.3GB per second of peak system and memory bandwidth. With the incorporation of dual channel Ultra 160 SCSI storage interface, gigabit LAN and 8x AGP Pro, the WI-2P is capable of delivering unprecedented computing and I/O performance to personal workstations for handling stringent graphics tasks such as 3D modeling/rendering, scientific analysis and engineering design. In addition, its capability to support optional 5.1 channel audio, S/PDIF connection, and a maximum of six USB 2.0 ports brings extra value to this thoughtfully designed workstation board.

Key Features

Dual socket 604 for Intel® Xeon™ processor with a 512KB L2 cache

Intel® E7505 chipset

Six 184-pin DIMM sockets, supporting up to 12GB registered, ECC DDR266 memory

One gigabit Ethernet LAN ports (Intel® 82545EM)

Dual channel Ultra160 SCSI controller

Total 5 PCI/PCI-X expansion slots (three 64-bit PCI-X slots and one 32-bit PCI slot)

AGP Pro 50 slot, supporting 8x/4x AGP

Six 184-DIMM sockets, supporting both registered and unbuffered memory modules: Not only provides ample memory capacity but also delivers cost benefit when configured with maximum number of less expensive unbuffered memory modules

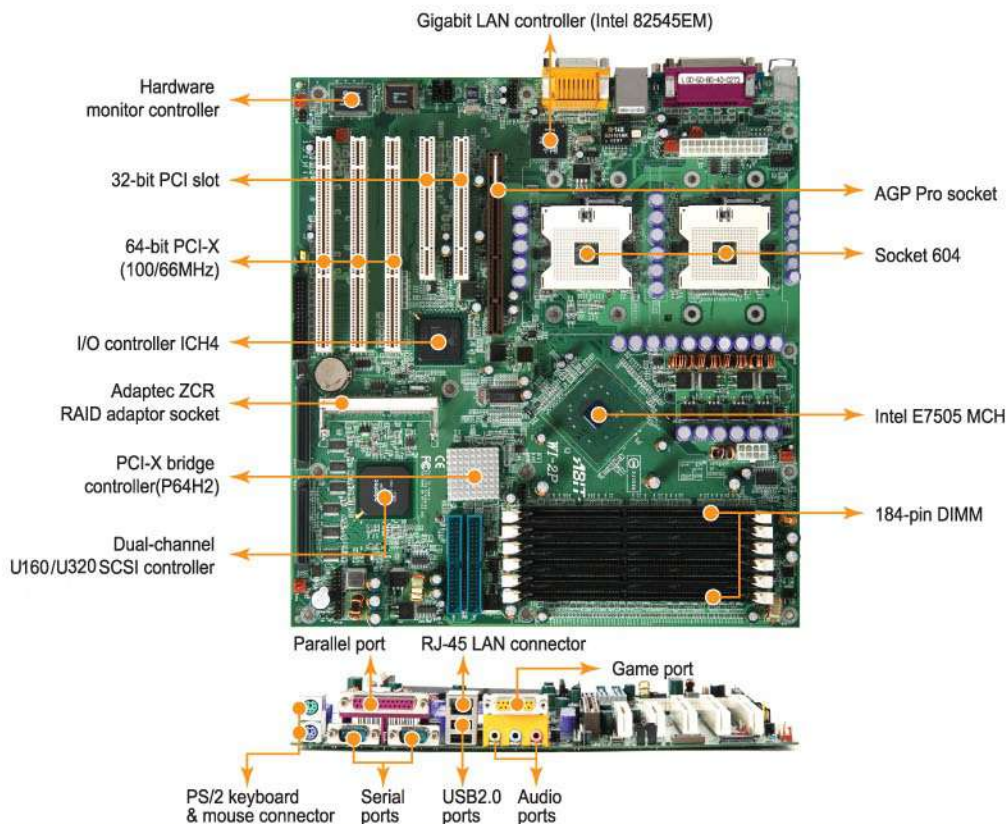
Dual-channel Ultra160 SCSI controller with zero-channel RAID card ready socket: Delivers combined 320MB/s data bandwidth and cost effective mechanism for high performance Adaptec SCSI RAID cards



AGP Pro socket, supporting AGP 8x/4x interface: Provides bandwidth of 2GB/s between the graphics card and system, which enables high-end 3D acceleration for graphics-intensive engineering projects or scientific studies.

Pin headers for extra USB 2.0 ports or optional 5.1 channel audio features

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Specifications

Processor

- Supports up to two Intel® Xeon™ processor of up to 2.8GHz and faster with a 512KB L2 cache

Chipset

- The Intel® E7505 Chipset Memory Controller Hub (MCH)
- Intel 82801DB I/O Controller Hub (ICH4)
- Intel 82870P2 64-bit PCI-X Controller Hub (P64H2)

Memory

- Six 184-pin DIMM sockets
- Supports up to 12GB DDR266 registered, ECC memory
- Chipkill™ technology support

Networking

- On board Intel® 82545EM gigabit Ethernet controller, supporting 10/100/1000Mb operation
- RX/TX IP and TCP/UDP checksum off-loading capabilities

System BIOS

- Award Plug and Play BIOS, supporting APM, DMI, and ACPI
- 4M-bit Flash ROM

Host I/O Interface

- On board dual channel Ultra160 SCSI Adaptec AIC-7899 controller (optional AIC-7902 Ultra 320 controller)
- One channel Ultra33/66/100 IDE interface, supporting up to two IDE and ATAPI compliant devices

External Accessible I/O

- Three 64-bit PCI-X slots, supporting one 100MHz and two 66MHz operation modes
- Two 32bit/33MHz PCI slots
- AGP Pro socket, supporting 8x/4x operation
- One 64-bit SO-DIMM dedicated for Adaptec® zero-channel RAID cards

Multi I/O Functions

- One Parallel Port
- Two serial ports
- One Game port
- PS/2 Keyboard and PS/2 mouse connector
- Two USB 2.0 ports, plus two internal pin headers
- Supports AC97, 5.1Ch(Optional)
- Supports S/PDIF (Optional)

Form Factor

- Extended ATX, 12"X13"
- EPS12V PSU

For further product information, please contact workstation_sales@abit.com.tw

Ordering Information:

Mode	SCSI controller	Remarks
WI-2P	Adaptec AIC-7899 dual-channel Ultra160 controller with ZCR support	Standard
WI-2Pe	Adaptec AIC-7902 dual-channel Ultra320 controller with ZCR support	

ABIT
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