



Your Reliable Partner

WI-1P Workstation Board

Entry-level Workstation Platform

**Intel® Pentium™4, Maximum 4GB DDR Memory, 1 Gigabit LAN,
6-channel SATA, AGP slot, 3 PCI-X slots**

WI-1P is robust designed for entry level workstation that supports Intel® Pentium™4 Prescott 800MHz system bus with Hyper-Threading technology by the Intel® 875P chipset. Within ATX form factor, WI-1P features with various high speed technologies such as Serial ATA, Gigabit LAN, AGP 8X, SPDIF, IEEE 1394 and software RAID 5 function. It's aiming to bring high performance workstation board at an affordable price.

Key Features

Socket 478 for Intel® Pentium™4 processor with Hyper-Threading Technology

Intel® 875P chipset / Intel® 6300ESB

Supporting up to 4GB un-buffered, ECC/Non-ECC DDR400/333 memory

Integrated Silicon Image 3114 SATA controller

One Gigabit Ethernet LAN ports (Intel® 82547GI)

Three 64-bit/66MHz PCI-X expansion slots

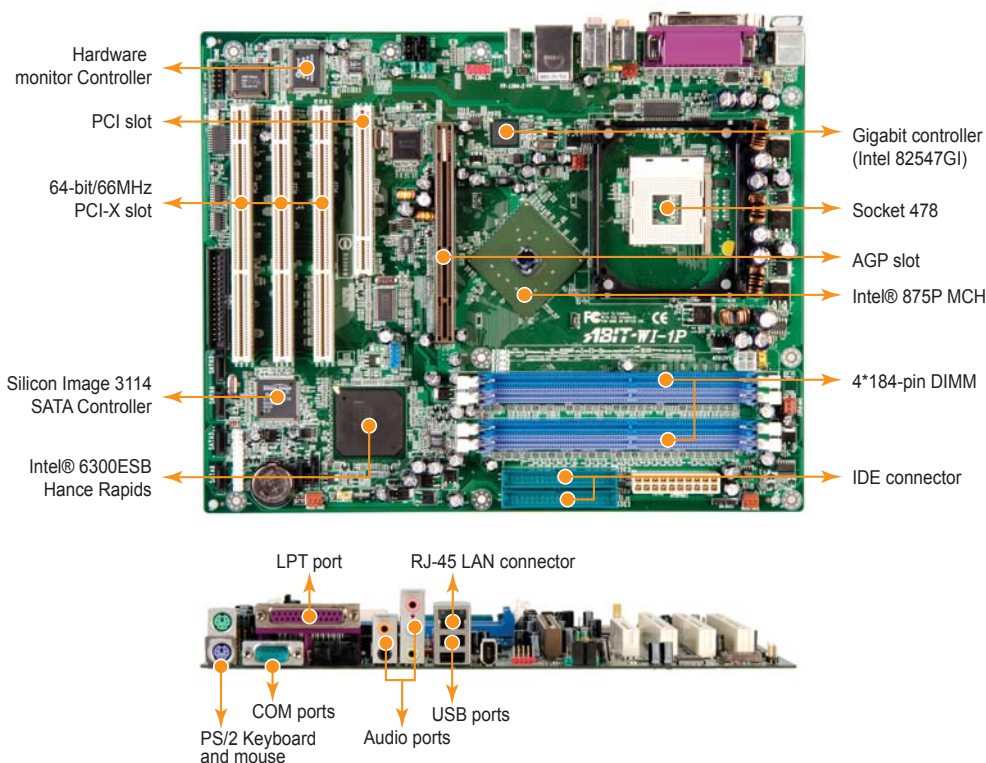
One AGP expansion slot

WI-1P combines with 6300ESB and Silicon Image 3114 to support 6-channel SATA with RAID 5 function



Enhance graphics performance through AGP Pro 8X interface for workstation applications

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Specifications

Processor

- Supports Intel® Pentium 4 Northwood/Prescott with
- 800/533MHz FSB processor up to 3.06GHz and faster

Chipset

- The Intel® 875P Chipset Memory Controller Hub (MCH)
- Intel® 6300ESB I/O Controller (Hance Rapids)

Memory

- Four 184-pin DIMM sockets
- Supports up to 4GB dual channel DDR400/333 un-buffered, ECC/ Non-ECC memory

Networking

- On board Intel® 82547GI single-port Gigabit Ethernet controller

Expansion Slots

- One AGP slot
- Three 64-bit/66MHz PCI-X slots (3.3V)
- One PCI 32-bits/33MHz slot (5V)

Host I/O Interface

- One channel Ultra 33/66/100 IDE interface
- Two channel Serial ATA 150MB/s data transfer rate via Intel® 6300ESB
- Four channel Serial ATA 150MB/s data transfer rate via Silicon Image 3114 (Option)

Graphics

- Accelerated Graphics Port slot supports AGP Pro 8X/4X

Internal I/O Connections

- One Floppy Port
- Two Ultra DMA 100/66/33 Connectors
- One COM port header (COM2)
- Six Serial ATA 150 Connectors
- One USB 2.0 header
- One SM Bus header (For SM Bus and I²C)
- One CD-IN, One AUX-IN
- One IEEE1394 header
- One IR Connector

External Accessible I/O

- One PS/2 Keyboard and mouse
- One Printer Port/ COM port
- One SPDIF in/out
- One Audio connectors (Lin-out, Line-in, Mic)
- One Audio connectors (Surround-out, Center/Subwoofer)
- One Dual USB 2.0, One RJ-45 LAN Connector w/Transformer
- One IEEE 1394 Connector

System BIOS

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

Hardware Monitoring

- Embedded Winbond® W83627HF hardware monitor ASIC
- Three sets of thermal sensors for systems and two fan speed sensors
- Chassis intrusion detector
- Winbond® Hardware Doctor™ Utility

Form Factor

- ATX, 12"X9.6"
- ATX 12V PSU

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

ABIT
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