

SYS-6W6608-4S02

8-slot Intel® Core™2
Duo PICMG 1.0 SBC
System



Features

- **Intel Q965 Platform**
 - Supports Intel® Core™2 Duo Processor up to 2.6 GHz
 - Supports dual channel DDR2 667/800/1066 MHz up to 8 GB
 - One integrated GbE delivers excellent network performance
- **Compact System with Full Configuration and Expandability**
 - Ideal for wallmount or desktop environments
 - Supports versatile 8-slot backplanes to hold 8 full-size cards
 - Two front-accessible 5.25" disk drives and one 3.5" FDD
 - High-speed cooling fan supports abundant cooling and streamlined ventilation

Specifications

| | | | |
|--------------------------|---------------------------|--|---------------------------|
| Model | SYS-6W6608-4S02 | | |
| Computing System | Chipset | Intel Q965 + ICH8D0 | |
| | CPU | Intel Core 2 Duo 2.8 GHz | Pentium Dual-core 2 GHz |
| | L2 Cache | 8 MB | 1 MB |
| | Front Side Bus | 667/800/1066 MHz | |
| | Memory | Dual channel DDR2 533/667/800 SDRAM up to 8 GB | |
| Graphics | Controller | Intel Q965 integrated | |
| | VRAM | Dynamically shared system memory up to 256 MB | |
| Expansion Slot | PCI | 3 | |
| | ISA | 3 | |
| Storage | Optical Drive (supported) | CD-ROM / DVD-ROM / CD-RW | |
| | HDD (supported) | SATA | |
| Drive Bay | 5.25" (front-accessible) | 2 | |
| | 3.5" (front-accessible) | 1 | |
| Ethernet | Interface | 10/100/1000 Mbps Gigabit Ethernet | |
| | Controller | Intel 82566DM | |
| Front I/O Ports | USB | 2 | |
| Rear I/O Ports | USB | - | |
| | PS/2 | 1 | |
| | COM | 1 | |
| | VGA | 1 | |
| | Parallel | - | |
| | RJ-45 | 1 | |
| Operating System | Microsoft Windows 2000/XP | | |
| Watchdog Timer | Output | System Reset | |
| | Interval | Programmable 1 ~ 255 sec | |
| Power Supply | Power Output Wattage | 300 W | |
| | Input Range | AC 100 ~ 240 V | |
| Cooling | Chassis Fan | 1 (12 cm / 85 CFM) | |
| | Air Filter | Yes | |
| Miscellaneous | Notification LEDs | Power status and HDD activity | |
| Environment | Temperature | Operating | Non-Operating |
| | | 0 ~ 40° C (32 ~ 104° F) | -20 ~ 60° C (-4 ~ 140° F) |
| | Humidity | 10 ~ 95% @ 40° C non-condensing | |
| Physical Characteristics | Color | Beige | |
| | Dimensions (W x H x D) | 173 x 315 x 410 mm (6.8" x 12.4" x 16.1") | |
| | Weight | 13 kg (28.6 lb) | |

Ordering Information

Please visit Advantech CTOS portal for order entry.
<http://www.advantech.com/ctos>

System Content

| Item | Part Number |
|--------------|------------------|
| Chassis | IPC-6608BP-00E |
| SBC | PCA-6194VG-00A1E |
| Backplane | PCA-6108P4-0C2E |
| Power Supply | PS-300ATX-ZBE |