

SYS-2U2000-7S01

SYS-2U2000-4S02

Intel® Core i7/i5/i3 & Core™2
Duo 2U SBC System with Four
PCI Slots

NEW



Features

- **Intel Q57 platform**
 - Supports Intel® Core™ i7/i5/i3 processor up to 2.9 GHz
 - Support Dual Channel DDR3 1333 MHz up to 8 GB
- **Intel Q965 platform**
 - Supports Intel® Core™2 Duo processor up to 2.66 GHz
 - Supports Dual Channel DDR2 800/667/533 SDRAM up to 8 GB
- **Expandability**
 - Supports four PCI add-on cards for Q965 platform
 - Supports one PCIe x16 and four PCI cards for Q57 platform

Specifications

| Form Factor | | SYS-2U2000-7S01 | SYS-2U2000-4S02 |
|--------------------------|---------------------------|--|--|
| Processor System | Chipset | Intel Q57 | Intel Q965 + ICH8DO |
| | CPU | Supports Intel Core i7/i5/i3 up to 2.9 GHz | Supports Intel Core 2 Duo processor up to 2.66 GHz |
| | L2 Cache | up to 8 MB | 8 MB |
| | Front side Bus | - | 667/800/1066 MHz |
| Memory | Memory | Dual channel DDR3 800/1066/1333 SDRAM up to 8 GB | Dual channel DDR2 533/667/800 SDRAM up to 8 GB |
| | Controller | Intel GFX (Only the Core i5 600, Core i3 and Pentium CPU with dual core are embedded with integrated graphics) | Intel Q965 integrated |
| Expansion Slot | PCIe x16 | 1 | - |
| | PCI | 4 | 4 |
| Storage | Optical Drive (supported) | Slim DVD-ROM / CD-RW / CD-ROM | Slim DVD-ROM / CD-RW / CD-ROM |
| | HDD (supported) | SATA | SATA |
| Drive Bay | Slim ODD Bay | 1 | 1 |
| | 3.5" (front-accessible) | 2 | 2 |
| Ethernet | Interface | 10/100/1000 Mbps Gigabit Ethernet | 10/100/1000 Mbps Gigabit Ethernet |
| | Controller | Intel 82578DM, Intel 82583V | Intel 82566DM, Intel 82573V |
| Front I/O Interface | USB | 2 | 2 |
| | PS/2 | 1 | 1 |
| Rear I/O Interface | USB | - | - |
| | PS/2 | 1 | 1 |
| | COM | - | - |
| | VGA | 1 | 1 |
| | Parallel | - | - |
| | RJ-45 | 2 | 2 |
| Operating System | | Microsoft Windows 7/XP | Microsoft Windows 2000/XP |
| Watchdog Timer | Output | System Reset | System Reset |
| | Interval | Programmable 1 ~ 255 seconds | Programmable 1 ~ 255 seconds |
| Power Supply | Power Output Wattage | 300 W | 300 W |
| | Input Range | AC 100 ~ 240 V | AC 100 ~ 240 V |
| Cooling | Chassis Fan | 2 (8 cm / 47 CFM each) | 2 (8 cm / 47 CFM each) |
| | Air Filter | Yes | Yes |
| Miscellaneous | LED Indicators | Power status, HDD activity, temperature and fan | Power status, HDD activity, temperature and fan |
| Environment | Temperature | Operating 0 ~ 40° C (32 ~ 104° F) | Non-Operating -20 ~ 60° C (-4 ~ 140° F) |
| | Humidity | 10 ~ 85% @ 40° C non-condensing | 10 ~ 95% @ 40° C non-condensing |
| | Dimensions (W x H x D) | 482 x 88 x 452 mm (19" x 3.5" x 17.8") | 482 x 88 x 452 mm (19" x 3.5" x 17.8") |
| Physical Characteristics | Weight | 15 kg (33 lb) | 15 kg (33 lb) |

Ordering Information

Please visit Advantech CTOS portal for order entry.

<http://www.advantech.com/ctos>

System Content

| Item | Part Number |
|------------------------|---------------------|
| SYS-2U2000-4S02 | |
| Chassis | ACP-2000P4-30ZE |
| SBC | PCA-6194G2-00A1E |
| Backplane | Included in chassis |
| Power Supply | PS-300ATX-ZBE |
| SYS-2U2000-7S01 | |
| Chassis | ACP-2000EBP-30ZE |
| SBC | PCE-5125QG2-00A1E |
| Backplane | PCE-5B06V-04A1E |
| Power Supply | PS-300ATX-ZBE |