

SYS-4U630-7A01

SYS-4U630-4A01

Intel® Core™ i7/i5/i3, Core™2
Duo 4U ATX System with PCIe x16,
PCIe x1, PCIe x4 and 4 PCI Slots

NEW



Features

- Intel 945G platform**
 - Supports Intel® Core™2 Duo processor up to 2.66 GHz
 - Supports DDR2 SDRAM up to 4 GB (dual channel)
 - One integrated GbE delivers excellent network performance
- Intel Q57 platform**
 - Supports Intel® Core™ i7 / i5 / i3 up to 2.9 GHz
 - Supports dual display of VGA and DVI and dual GbE LAN
- Expandability**
 - Supports one PCIe x16, one PCIe x1 and five PCI add-on cards
 - Optional optical drive and floppy drive
- User friendly alarm notification**
 - Front LED indicators for the system power, fan, HDD and in-chassis temperature

Specifications

| Model | | SYS-4U630-7A01 | SYS-4U630-4A01 |
|--------------------------|---------------------------|---|---|
| Processor System | Chipset | Intel Q57 | Intel 945G + ICH7R |
| | Processor | Supports Intel Core i7/i5/i3 up to 2.9 GHz | Supports Core 2 Duo up to 2.66 GHz |
| | L2 Cache | up to 8 MB | up to 4 MB |
| | Memory | Dual channel DDR3 800/1066/1333 SDRAM up to 16 GB | Dual Channel DDR2 533/667 MHz up to 4 GB |
| Graphics | Controller | Intel GFX (Only the Core i5 600 , Core i3 and Pentium CPU with dual core are embedded with integrated graphics) | Intel GAM 950 |
| | VRAM | - | Dynamically shared system memory up to 224 MB |
| Expansion Slot | PCIe x16 | 1 | 1 |
| | PCIe x4 | 1 | - |
| | PCIe x1 | 1 | 1 |
| | PCI | 4 | 5 |
| Storage | Optical Drive (supported) | CD-ROM / DVD-ROM / CD-RW | CD-ROM / DVD-ROM / CD-RW |
| | HDD (supported) | SATA | SATA |
| Drive Bay | 5.25" (front-accessible) | 3 | 3 |
| | 3.5" (front-accessible) | 1 | 1 |
| | 3.5" (internal) | 1 | 1 |
| Ethernet | Interface | 10/100/1000 Mbps Gigabit Ethernet | 10/100/1000 Mbps Gigabit Ethernet |
| | Controller | Intel 82578DM, Intel 82583V | Intel 82573L |
| Front I/O Interface | USB | 2 | 2 |
| | COM | - | - |
| Rear I/O Interface | USB | 4 | 4 |
| | PS/2 | 2 | 2 |
| | COM | 2 | 2 |
| | VGA | 1 VGA + 1 DVI | 1 |
| | Parallel | - | 1 |
| | RJ-45 | 2 | 1 |
| Operating System | | Microsoft Windows 7/XP/Vista | Microsoft Windows 2000/ XP/ Vista/ Win7 |
| | Watchdog Timer | Output: System Reset Interval: Programmable 1 ~ 255 seconds | System Reset Programmable 1 ~ 255 seconds |
| Power Supply | Power Output Wattage | 400 W | 400 W |
| | Input Range | AC 100 ~ 240 V | AC 100 ~ 240 V |
| Cooling | Chassis Fan | 1 (12 cm / 85 CFM) | 1 (12 cm / 85 CFM) |
| | Air Filter | Yes | Yes |
| Miscellaneous | Notification LEDs | 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 |
| | Color | Silver | Silver |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 502 mm (19" x 7" x 19.8") | 482 x 177 x 502 mm (19" x 7" x 19.8") |
| | Weight | 20 kg (44 lb) | 20 kg (44 lb) |

Ordering Information

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

System Content

| Item | Part Number |
|-----------------------|-------------------|
| SYS-4U630-7A01 | |
| Chassis | IPC-630MB-00XE |
| Motherboard | AIMB-780QG2-00A1E |
| Power Supply | PS-400ATX-ZBE |
| SYS-4U630-4A01 | |
| Chassis | IPC-630MB-00XE |
| Motherboard | AIMB-763VG-00A1E |
| Power Supply | PS-400ATX-ZBE |