



## Specifications

### Chassis:

#### Dimensions

- 1U height
- 1.73"(H) x 17"(W) x 18.8"(D)  
44mm(H) x 432mm(W) x 478mm(D)

#### Standard Colour Options

- Black (custom RAL colour options available with minimum order quantities)

#### Motherboard

- Mini-ITX form factor motherboard

#### Drive Bays

- One Slimline DVD Bay & one 3.5" (a perfect solution to house 2x 2.5" SATA Hard Disk Drives in removable lockable frame set to RAID 1)

#### Expansion

- 1 full length, full height PCI Express x16 slot
- 2x rear panel card slots (one used for PCIe card)

#### Fan MTBF

- 70,000 hrs. @ 40° C

#### Cooling

- Four (4) fans

#### Front Panel Controls

- Front access to all connectors and switches

#### Operating Environment

- Temperature: 0 to 50° C
- Storage Temperature : -20° C-65° C
- Humidity : 5%-95% non-condensing

#### CE Approval

EMC directive 89/336EEC

- EN 55022 Class A
- EN 50082-1
- IEC801-2
- IEC801-3
- IEC801-4

LVD directive 73/23EEC

- EN 60950

#### Power Supply:

#### Output Wattage

- 600W

#### Connector Type

- ATX 2.03, ATX12V(P4), EPS12V, WTX, AMD-GES

### Dimensions

- 275.00x100.00x40.50 (mm)
- 10.83x3.94x1.59 (inch)

### AC Input Specifications

- VOLTAGE: 90 ~ 264 VAC FULL RANGE

### Features:

- Temperature range :  
Operating 0°C~40°C, storage -20°C~80°C
- humidity:operating:20%-95%, non-operating:10%-95%
- Remarks:85% is normal condition and 95% is with special coating process
- Hold up time : 16ms min.
- Dielectric withstand: Input/output 1500 VAC FOR 1 minute  
Input to frame ground 1500 VAC FOR 1 minute
- Humidity : 10~90%RH
- Efficiency : 70% typical at 115v, at full load
- Power good signal: On delay 100ms to 500ms, off delay 1ms
- Overload protection : 110~150% max
- Over voltage  
protection : +5v→5.7v~6.5v, +3.3v→3.7v~4.1v, +12v→13.3v~14.5v
- EMI noise filter: FCC CLASS B , CISPR 22 CLASS B
- SAFETY : EACH POWER UNIT MEET UL/CSA/TUV STANDARD
- MEET IEC-1000-3-2 CLASS D

### Motherboard:

#### Processor (socket 775-based Intel®)

- Intel® Core 2 Quad / Core 2 Duo and Pentium® 4/Celeron® D processor

#### FSB

- FSB 1066/800/533 MHz

#### BIOS

- Award BIOS

#### System Chipset

- Intel® Q965 GMCH & 82801HB ICH8DO

#### System Memory

- 2 x 240-pin dual channel DDR2 SDRAM DIMM 533/667/800 MHz supports up to 4 GB

**Note:** Tailored specifications will be provided for upon request.

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#### Storage

- 6 x Serial ATA connector high-speed data transfers at up to 3 Gb/s

#### Watchdog Timer

- Reset; 1 sec.~255 min. and 1 sec. or 1 min./step

#### H/W Status Monitor

- Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats

#### GPIO

- On-board programmable 8-bit Digital I/O interface

#### Expansion

- One PCI-E x 16 slot

#### MIO

- 1x RS-232, 1 x RS-232/422/485 selectable, 1 x K/B, 1 x Mouse, 2 x GbE

#### IrDA N/A

#### USB

- 4 x USB 2.0 ports and 4 x USB 2.0 with header

#### Audio Interface

- Mic in, Line in, Line out

#### Ethernet Interface

- IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant

#### Display Chipset

- Intel® Q965 GMCH Integrated GMA 3000 Graphics device

#### Display Memory

- Intel® DVM 4.0 supports up to 384 MB video memory

#### Resolution

- Analog Display : Up to 2048 x 1536 (QXGA)

#### VGA/LCD

- Interface Intel® Graphics Gen4 Media Accelerator GMA 3000, and supports widescreen LCD displays and accelerated DirectX®9.0c

