

RUGCOMPUTEL 2U COMPUTER

The 2U Computer is a rugged solution that delivers the performance, availability, manageability and serviceability required for space conscious, mission-critical applications.



ENVIRONMENTALLY ROBUST

The 2U system is built for optimal performance in challenging environments. Maximum protection begins on the outside with a corrosion-resistant industrial strength housing including stiffener plates. Systems supports reliable and continuous operation in extreme operating conditions. The system is independently-tested to select industrial standards further validating the reliable performance of Stealth Computer in mission-critical applications under demanding conditions.

- High Performance Core II Duo
- Expandable to 16GB Memory
- Integrated 10/100/1000 LAN
- Compact 2U Enclosure
- 3 PCI Expansion Slots
- Expandable 1.5TB Disk Storage

2U Enclosure

- High performance rugged 19" rack mount enclosure
- Dual flow cooling fans for reliable operation
- Two internal SATA disk drive bays available
- Reliable SMPS power supply
- Front access easy cleanable air filter
- Compact low depth design ideal for 600 or 800mm rack cabinets

Overview

- The 2U rackmount computer has been specially designed as a rugged, flexible and scalable computer appliance, ideal for Telecom, Datacom and general IT applications where multiple expansion slots are required in a rack mountable enclosure. Its compact size makes it ideal for Computer applications where rack space is at a premium. This rugged 19" rack mount computer offers industrial quality, reliable space saving design and the flexibility for use in many computer applications.

The 2U rackmount computer features a high performance, high quality industrial Intel Mother Board with a choice of the latest SKT 775 processors including Pentium D With support for high speed DDR2 memory and front side bus speeds up to 1066MHz, The 2U rackmount computer offers excellent solution for even very demanding applications running under Microsoft Windows 7/XP, Vista/ 2003 and linux operating systems.



Peripherals Storage

- Up to internal 3.5" HDD SATA II
- CD/DVD
- 3 x PCI 3/4 length card slots

Technical Parameters

- CPU: Intel LGA 775 socket for Intel Core II Duo / with 2.93Ghz Core II Duo Intel Processor
- Supports Intel® Enhanced memory 64 Technology (EM64T), Supports Enhanced Intel® SpeedStep® Technology (EIST), Supports Intel® Hyper-Threading Technology
- Chipset: Intel® 82 945G GMCH/ICH7
- System Bus: 1066/800/533MHz
- Memory: Std 8 GB (4 x 240pin DIMM Each Port max. 4GB, DDR2 667/533M Hz, non-ECC or un buffered memory, Dual Channel memory architecture)
- Expansion Slots: 1 x PCI-E x 16 slot, 1 x PCI-E x 1 slot, 5 x PCI slots
- VGA: Intel® Graphics Media Acceleration 950
- Storage: Intel® ICH7 South Bridge Supports:
 - 1 x Ultra DMA 100/66/33
 - 4 x Serial ATA 3Gb/s ports
- LAN: Intel® 82573L Gigabit LAN Controller

- Audio: Realtek® ALC888 8-Channel High Definition Audio CODEC
Supports Universal Audio Jack (UAJ® Sensing Technology
Supports S/PDIF_OUT interface
- USB: 6 x USB 2.0ports(2 x USB front, 4 x USB rear)
- Dual Fan in Front with Filter
- 500 GB SATA HDD (Options from 80GB up to 750GB capacity x 2)
- Full size CD, DVD, DVD RW or other 5.25" drive bay mounted device
- Option for FDD



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Back Panel I/O ports available on 2U:

- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- 1 x Parallel Port
- 1 x serial Port
- 1 x VGA Port
- 2 x RJ 45 ports
- 4 x USB ports
- Audio I/O (3 Jacks)
- Internal Connectors:
 - 2 x USB Connector supports additional 4 USB ports
 - 1 x 24-pin ATX Power connector
 - 1 x 4-pin ATX 12V Power connector
 - 1 x Floppy Disk drive connector
 - 1 x IDE connector for two devices
 - 3 x COM connectors
 - 1 x Chassis intrusion connector
 - 1 x CD audio in connector
 - 4 x SATA connectors
 - 1 x Front panel audio connector
 - 1 x S/PDIF out connector
 - 1 x Speaker connector
 - 1 x System Panel connector
 - 1 x 3-pin Power LED connector (PLED)
 - 1 x CPU Fan Connector
- BIOS Features: 4MB Flash ROM, Phoenix award BIOS, PnP, DMI 2.0 SM BIOS

- Manageability: DMI 2.0, WOL by PME
- ATX form factor: 12" x 9.6" (30.5 cm x 24.4 cm)

Power Supply

- AC power supply 90-264V AC
- 47-63 Hz
- Current maximum 4 Amps
- Nominal 2 Amps at 230V AC
- 300 Watt ATX mode power supply

Physical

- Dimensions: 430(W) x 88(H) x 450(D)mm
- Weight (Net) : Approximately 10.5 Kg
- Operating Temp : -10 °C to + 80 °C
- Relative Humidity : 10-95% non-condensing
- CE Compliance : EEC EMC & Safety
- Designed to meet UL and FCC requirements & RoHS Compliant

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