



Technical Applications Associates, Inc.

System solutions providers and manufacturers

2U Rackmount Computer System

- From Atom N270 up to Core 2 Duo CPU
- 1.6 GHz up to 2.4+ GHz performance
- Up to 4GB DDR2 800
- Removable mounting brackets
- 5 – Slot Butterfly backplane
- Spring loaded retractable handle
- Multiple slot types (PCI, PCI-e, ISA)
- 1 external 5.25" Bay
- 1 external 3.5" Bay, 1 internal 3.5" Bay



General Description

With a great balance of size and power capability, our 2U rack mount systems are versatile enough for almost any industrial application. Interior layout is designed for maximum cooling efficiency with a large cooling fan for SBC and expansion cards. Available in a wide variety of performance levels and an equally diverse amount of I/O options ensuring legacy compatibility and support for newer equipment and peripherals.



2U Rackmount Computer System

Specifications: Processor & I/O

- **Processor:** Integrated or LGA 775 processors
- **Memory:** DDR2 533 up to DDR2 800, 4GB max. (2GB on Atom)
- **LAN:** SBC dependent, up to 2x Gigabit LAN available on many SBC's, more with expansion cards
- **Hard Drive:** SATA and PATA options
- **USB Connectors:** SBC dependent, typically minimum of 2x USB 2.0 plus internal headers for expansion
- **KB/Mouse:** SBC dependent, PS/2 typically for KB/M via adapter cable
- **Video:** Configurable with either on-board VGA or PCI-e expansion
- **Audio:** SBC dependent, typically HD audio where applicable
- **Expansion:** Configurable with PCI, PCI-e or ISA (legacy)

Peripheral Configuration(s)

- **Internal:** Supports 1 - 3.5" device
- **External Access:** Supports 1- 3.5" device and 1 – 5.25" device

Chassis:

- **Backplane:** PICMG 1.0, multiple expansion slot options
- **PS/2 Power Supply:** up to 500 watts
- **Cooling:** 1 80mm ball bearing fan, airflow directly over SBC and expansion cards
- **Indicators:** Power, Disk
- **Switches:** None, boots when given power
- **Color:** Tan

Environmental and Mechanical

- **Operating Temperature*** 0 °C to 50 °C ⁽¹⁾
- **Dimensions:** 17" x 16.25" x 3.5"
- **MTTR:** < 30mins.
- **WEIGHT:** final configuration dependent

Ordering Information:

Call for final configuration and ordering information

For more information, contact :

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