



# Haanut Entry Server Chassis

Ideal platform for Pentium 4 based servers

## 4U Chassis Information

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**rack mount  
sliding rail kit  
now available!**

**Hanut India: 4U entry server chassis**

## Hanut Entry Server Chassis 4UExc

**Hanut India: 4U entry server chassis is an ideal chassis for building rack optimized Intel Pentium 4 based servers and workstations.**

### Key features:

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#### ► **Standard based design**

Hanut 4UExc server chassis is designed as per ATX specifications.

The entry rack optimized server case accepts standard and readily available system components like ATX & micro-ATX motherboards, Intel Pentium 4 & Celeron processors, IDE hard disk drives etc.

Standard based design enables easy maintenance and up-gradation and wider choice of components like motherboards, power supplies etc. in comparison to server cases with proprietary designs and construction.

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#### ► **Rugged construction - enhanced protection from shocks & vibrations**

Hanut server chassis supports Intel's recommend Direct Chassis Attach (DCA) of heat sink mounting and removable stand-offs for motherboard fixing.

In Direct Chassis Attach (DCA) the CPU's heat sink is fixed to the server chassis's base instead of being fixed to the motherboard. DCA makes the server motherboard and hence the whole server more resistant to shocks and vibrations.

The HDD drive cage has a shock and vibration absorbing design and construction - a feature found till now only in expensive industrial pc chassis.

[Optional] Hold down bracket protects add on cards from shocks and vibrations.

Chassis body made from heavy-duty galvanized steel and powder coated with polyester paint.

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### **Excellent ventilation and heat dissipation**

Two rear mounted 60mm Spire™ ball bearing fans along with front to rear air flow design of the Hanut server chassis provide excellent ventilation and heat dissipation. Hanut India offers 3 year replacement warranty on its server chassis cooling fans. [See additional server chassis cooling accessories](#)

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### **► HDD cage for high storage capacity**

Hanut entry server chassis's HDD drive cage can accommodate up to three 3.5 inch hard disk drives. Assuming HDD with 80GB capacity the entry 4U server case can offer close to 240 GB of storage capacity. Specially constructed HDD cage with imported anti vibration mountings minimizes transmission of outside shocks and vibrations to the hard disk drives.

Smart placement of the HDD cage in the chassis prevents heat buildup in the HDDs.

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### **► EPS12V server grade power supplies**

Although the entry server case accepts both desktop grade ATX12V power supplies and EPS12V server grade power supplies we strongly recommend the use of EPS12V power supplies.

Benefits of EPS12V server grade power supplies include higher output power, superior voltage regulation, higher mean time to failure and more. For details see EPS12V power supply [FAQ](#)

**Other features of Hanut India entry server chassis:**

- Lockable front door with glass window
- Changeable I/O shield cut out
- Fixed 2 post 19" rack mounting (standard)
- Rack mount sliding rail kit** (optional accessory)

**Specifications:**

<b>Material of construction</b>	Heavy duty galvanized steel
<b>External finish</b>	Textured polyester powder coat
<b>Dimensions (H*W*D)</b>	177mm (4U) / 482mm wide / 440 mm deep
<b>Motherboard supported</b>	Micro-ATX and ATX motherboards
<b>Disk drive cage</b>	One 5.25 inch and three 3.5 inch drives
<b>Floppy disk drive cage</b>	One Floppy Disk Drive
<b>System cooling fan (s)</b>	Two 60mm ball bearing fans with RPM detection function
<b>Controls</b>	power on/off and power reset
<b>Status indicators</b>	power on, hard disk activity
<b>Power supply</b>	accepts ATX12V and EPS12V PS2 type power supplies

Dimensions are inclusive of front rack mounting brackets of the server case.

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