

Hanut "Extra-Deep" Server Cabinets – The preferred cabinets for rack-mount servers



## **Server Cabinet Buying Guide / Check-list**

### **Notice:**

Hanut and Hanut logo are trademarks or registered trademarks of the company. All other product and company names mentioned on the website and print materials are trademarks or registered trademarks of their respective owners.

Using this document means that you agree to legal statement / policy at [www.hanut-india.com/legal.asp](http://www.hanut-india.com/legal.asp).

Send your comments and suggestions to [feedback@hulasi.com](mailto:feedback@hulasi.com).

© 2001 Hulasi Metals Pvt. Ltd., India. All rights reserved.

## Server Cabinet Buying Guide / Check-list

**What are the essential qualities of a server cabinet? Give me a checklist to compare Hanut “Extra-Deep” server cabinet with other enclosure in the market. How does Hanut compare with its competitors?**

<b>Factor / Feature</b>	<b>Hanut</b>		
<u>Extra-Depth*</u>	Yes		
<u>Front-to-back server grade ventilation*</u>	Yes		
<u>Integrated vertical cable channels</u>	Yes		
<u>Comprehensive range of accessories</u>	Yes		
<u>Special anti-earth quake accessory kit</u>	Yes		
<u>Textured powder coat finish</u>	Yes		
<u>Individually marked U heights</u>	Yes		
<u>Ships fully assembled</u>	Yes		
<u>Short rear door – Cable mgmt.</u>	Yes		
<u>Expandability (Baying / Coupling option)</u>	Yes		
<u>Security: lockable doors &amp; side panels</u>	Yes		
<u>Quality Assurance: ISO 9002 Quality System</u>	Yes		
<u>Toll-free FAX number</u>	Coming soon		
<u>Secure, fast &amp; convenient ordering system</u>	Yes		
<u>Free consultation</u>	Yes		

\* → Essential

### **Explanation**

#### **▶ Extra-Depth**

The 800 mm deep cabinets are outdated / not suitable for housing rack mount servers and many other active IT hardware.

Servers in general and rack-mountable servers in particular are becoming slimmer and deeper. The 800mm deep cabinets already do not meet the depth requirements of many rack mount servers. For instance: Sun recommends 36" (900 mm) deep rack cabinets for its E2220R and E420R enterprise servers, H-P's popular rack optimized server Netserver [6000r](#) is over 800mm deep and [Dell's VERSARails](#), which are required for mounting Dell's rack-mount servers, require enclosure to be at least 880mm deep.

Hanut "Extra-Deep" Server Cabinets – The preferred cabinets for rack-mount servers  
"We use 900mm deep racks, the IBM Servers require the depth for two reasons - the servers are really long, and the cable management and slide rails protrude beyond the end of the server. We have just been through the pain of developing a racking standard - and 900 is what we decided on. :-)" A comment posted on mailing list [SAGE-AU](mailto:SAGE-AU).

An overwhelming majority of server cabinets available in USA are 900mm or more deep. Server cabinets like Compaq 9000 series universal racks, Acer Altos series racks, APC NetShelter enclosures, Dell PowerEdge series racks etc. are all 900mm+ deep.

The greater overall depth (900mm Vs 800 mm) allows more space in front and rear for routing cables thus enhancing cable management.

**Go for Hanut "Extra-Deep" server cabinets to protect your investment.**

► **Front to back computer server grade ventilation**

To dissipate heat, rack mount servers suck air from their front and exhaust hot air from their rear. Therefore front to back computer server grade ventilation is a must in all server cabinets.

Premium server cabinets like Compaq 9000 series universal racks, Acer Altos series racks, APC NetShelter enclosures, Dell PowerEdge series racks etc. all have this type of ventilation.

Ventilation from side panels, as provided by some cabinet manufacturers in place of front to back ventilation, is inadequate and unsuitable for rack mount servers. This type of ventilation is also not adaptable to multi-bay configuration where two or more server cabinets are coupled side by side.

Front to back computer server grade ventilation is not an optional feature but a must have feature in a server cabinet.

► **Integrated vertical channels:**

Only Hanut server cabinet provides 4 integrated vertical channels that allow systematic and easy routing of data and power cables. In many case these integrated cable channels eliminate the need to buy separate vertical cable managers.

Along with the built in cable management features like cable access openings in the roof and base and 4 vertical cable channels, cable management accessories help in making cable layout inside the server cabinet systematic and easy.

► **Comprehensive range of accessories**

Accessories supplement the server cabinet in enhancing the security, serviceability, manageability and reliability of mounted servers and other IT hardware. In addition to all commonly required accessories like shelves, power distribution unit etc., Hulasi offers many special accessories e.g. – anti-earthquake kit, KVM / console switch etc. to best

Hanut "Extra-Deep" Server Cabinets – The preferred cabinets for rack-mount servers meet its customers' requirements. Hulasi is committed to offering improved and/or new accessories.

**IMPORTANT:** Hanut server cabinet accessories have been designed for 900mm depth to ensure full compatibility with rack mountable servers. Most rack mountable servers require that the front and rear 19" mounting rails be at least 28" (711mm) apart.

Accessories designed for 800mm depth mount when the front and rear mounting rails are approximately 24" (610mm) apart. → Problem. Compatibility issue.

Hanut server cabinet accessories mount at approximately 28.5" (724mm). → Compatible. No problem.

Are others offering you accessories that are designed for 900mm depth or for outdated 800mm depth?

▶ **Special anti earthquake kit**

It is recommended for extra protection as a part of disaster management / prevention plan.

▶ **Durable textured polyester powder coat finish**

Durable, textured and attractive polyester powder coat finish gives Hanut server cabinets a modern look. Hanut servers cabinets elegantly show case your servers and other IT equipment.

▶ **Individually numbered U-mounting heights:** Drastically reduces equipment mounting effort and time.

▶ **Ships fully assembled**

No need to learn mechanical engineering and spending hours (Yek!) putting the enclosure together.

▶ **Short Rear Door: innovative cable management solution**

Short rear door in place of standard full-length rear door further simplifies cable routing to and from the server cabinet. Cable routing through short rear door is easier in comparison to cable routing through the base.

In a cabinet with full-length rear door cables have to be routed through the base of the cabinet. Because of insufficient space between the base and the floor, cabinets often have to be placed on a raised platform. Constructing raised platform takes time and money.

With cables routed through the gap between the short rear door and cabinet's bottom

Hanut "Extra-Deep" Server Cabinets – The preferred cabinets for rack-mount servers there is no need to put the server cabinet on a raised platform → a major saving of money and time!

Short rear door is another "easy to use" feature of Hanut Server Cabinets – the preferred cabinets for rack mount servers.

▶ **Expandability - Baying / Coupling Kit**

Baying / Coupling Kit is used to join two or more server cabinets of the same height to create a multi-cabinet configuration. Thanks to baying capability of Hanut server cabinets you can enjoy significant savings when you buy 2<sup>nd</sup>, 3<sup>rd</sup>,... Hanut server cabinet. As compared to 2 side panels per cabinet you will need only 2 side panels for the multi-cabinet configuration.

▶ **Accessories for Extra-stability**

Hulasi offers **Stabilization plate** and **Ballast (dead-weight)** kit for anti-tip over protection while sliding out server and other IT hardware from the server cabinet. The stabilizing plate can be easily attached to the front or rear of the cabinet's base. For increased cabinet stability and security, the plate can be bolted to the floor. Easy to use and quick setting cement kit is available (order separately). When used along with the stabilization plate, the ballast kit improves front-to-back mechanical stability of the server cabinet. Ballast kit is especially recommended for lightly loaded server cabinets (server cabinets with less than 100 kg of installed components) and in server cabinets where heavy equipment is routinely installed, removed or slided out of the server cabinet.

▶ **Quality assurance: ISO 9002 Quality System**

Hulasi's manufacturing facility is ISO 9002 certified. ISO 9002 quality system coupled with modern manufacturing equipment and technologies ensure that Hanut Server Cabinets are defect-free and are of international quality.

▶ **Easy, fast and secure quotation and ordering system**

Hulasi is the only Indian company to have on-line request for quotation (RFQ) form for server cabinets and accessories. We guarantee best price quotation within 2 business days.

▶ **Free Technical consultation**

Buying the right server cabinet and server cabinet accessories is very important. Hulasi takes pride in its sales executives' ability to recommend server cabinet configurations that meet both the technical and commercial requirements of its customers.

Hanut "Extra-Deep" Server Cabinets – The preferred cabinets for rack-mount servers

► **Comprehensive product web site and product literature**

Are provided to help you in selecting the right server cabinet for your rack mountable servers – Hanut "Extra-Deep" Server Cabinet.



**Notice:**

Hanut and Hanut logo are trademarks or registered trademarks of the company. All other product and company names mentioned on the website and print materials are trademarks or registered trademarks of their respective owners.

Using this document means that you agree to legal statement / policy at [www.hanut-india.com/legal.asp](http://www.hanut-india.com/legal.asp).

Send your comments and suggestions to [feedback@hulasi.com](mailto:feedback@hulasi.com).

© 2001 Hulasi Metals Pvt. Ltd., India. All rights reserved.