



Product Bulletin:

Deeper System Cabinet X870C

Revision History

13 September 2010 - Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces the availability of a new 42U System Cabinet, which is six inches deeper than the previous system cabinet. The extra space allows us to more easily accommodate the large I/O cable bundles that can be generated with SAS shelves.

2. What's New?

The main goal of the new cabinet is to handle denser I/O. The cable exit hole in the top of the cabinet is an order of magnitude larger than previous cabinets and will easily handle large cable bundles. There is a hole in the bottom of the rear door so that cables don't need to be crammed under the door. More Velcro straps have been added to the rear vertical rails.

Additional new features include a split rear door to ease access to the back of the cabinet. The look of the cabinet has been updated with new front door styling. The front door may be rotated 180 degrees so that it opens from the left. The front door latch has been redesigned for a more positive latching. The side panel handles have been reduced in size and the locks are integrated into the handles to avoid users having to reach down to the bottom of the panel to unlock them. The blanking (filler) panels snap into place and no longer require screws. We still offer a 1U panel but now have a 2U rather than a 3U panel. This better aligns with new shelves and platforms that are multiples of 2U.

The thermal sealing has been improved and less hot air is recirculated out the front of the cabinet. The height and width of the cabinet are the same as in the previous cabinet. All of the current PDUs are compatible with the new cabinet. All of the equipment that fit in the previous cabinet will mount in the new cabinet. The new cabinet uses the same rails as the previous cabinet.

The cabinet interconnect kit has been redesigned to make it simpler and easier to install.

The shipping container had to be redesigned for the new cabinet. Rather than a crate that the cabinet rolls out of, we have a plywood shell that is held down with six 17mm M6 bolts. The bolts need to be removed and then the shell can be taken off the cabinet. This requires more floor space when unpacking than the previous cabinet. The cabinet itself is bolted to the pallet and the bolts must be removed before rolling the cabinet down the ramp. We

have included a 17mm open-ended wrench with the packaging, but it is better to have a 17mm socket ratchet wrench handy when unpacking the cabinet. Due to the cabinet's larger size, the weight of the cabinet has increased about 10%, to slightly more than 300 pounds.

There have been times when a customer damaged a door or side panel and needed a replacement. Rather than handle this on a special case-by-case basis we created FRUs for all the parts that customers ask us for to make getting replacements simpler.

3. Sales and Customer-Ready Tools (Training, SE, Customer Presentations, Datasheets, Sales Guides)

The System Cabinet Guide details everything relating to cabinets and can be found on the NOW™ site:
http://now.netapp.com/NOW/knowledge/docs/hardware/hardware_index.shtml#System%20cabinets

There is a short PowerPoint on the Field Portal with detailed pictures highlighting the differences between the previous cabinet and the new cabinet:

<https://fieldportal.netapp.com/didmanager.asp?id=571762650OW29J83I149326041>

An overview of the cabinet/PDU offerings can be found on the Field Portal:

<https://fieldportal.netapp.com/didmanager.asp?id=322812702OB87V57I84337038>

4. System Requirements

Any NetApp controller or shelf may be installed in the cabinet. All switches except for large director-class switches may be installed in the cabinet.

5. Product Information

Part Number	Description	Discount Category Code
X870C-QS-R6-C	Cab,Deep,Empty,No PDU,No Rails,QS,-C	B
X870C-R6-C	Cab,Deep,Empty,No PDU,No Rails,-C	B
X8776B-R6	Blank Panel,1U,42U Deep Cabinet	B
X8776B-QS-R6-C	Blank Panel,1U,42U Deep Cabinet,QS,-C	B
X8778B-R6	Blank Panel,2U,42U Deep Cabinet	B
X8778B-QS-R6-C	Blank Panel,2U,42U Deep Cabinet,QS,-C	B
X8790A-R6	Side Panel,Deep Cabinet	C
X8791A-R6	Door,Rear,With Hinges,Deep Cabinet	C
X8792A-R6	Door,Front,With Hinges,Deep Cabinet	C
X8793A-R6	Wheel,Caster,Deep Cabinet	C
X8794A-R6	Keys,Spare,Qty 2,Deep Cabinet	C
X8795A-R6	Kit,Accessory,Deep Cabinet	C
X8796A-R6	Touch up paint,Deep Cabinet	C
X879B-R6	Kit,Cab-Interconnect,Deep Cabinet	B
X879B-R6-QS-C	Kit,Cab-Interconnect,Deep Cabinet,QS,-C	B
X879B-R6-C	Kit,Cab-Interconnect,Deep Cabinet,-C	B

Product Availability

New cabinets will be available to quote in the September 2010 Quote Tool release in CE/PE. The process for quoting has not changed. New quotes that select cabinets will automatically generate a new cabinet. Old quotes or copied old quotes will continue to generate previous cabinets. We expect to EOA the previous cabinet in the next few months.

Please note that the 20Amp and 2 PDU 30Amp cabinet/PDU combinations were EOAed last February. They will not be available in the September Quote Tool.

6. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to ensure that products are being sold only in the countries in which NetApp has received regulatory compliance certification. This information can be found in the Field Portal by searching under "Compliance, Policies and Procedures" or following the links below:

- [RoHS Compliance](#)
- [Safety/EMI Regulatory Compliance \(XLS\)](#)
- [WEEE Compliance](#)

7. Warranty and Service

Standard hardware warranty and services apply.

8. Additional Information

Contact Information: Please contact Paul Norman at (408) 822-6288 or pnorman@netapp.com or contact your NetApp sales or channel partner representative with questions concerning this bulletin.