42U 1100 mm Enterprise V2 Dynamic Rack

A server cabinet offering a ship-loadable design with extraordinary system density

The 42U 1100 mm Enterprise V2 Dynamic Rack is a server cabinet optimized for use with System x® and BladeCenter® systems, and with IBM PureSystems and Flex System™ products. It offers extraordinary density in a cabinet that can be prepackaged with your choice of equipment and shipped directly to your data center. The rack features an optional Rear Door Heat eXchanger V2 that can provide 100 percent cooling of up to 30 kw of installed IT equipment.[1]

Improved cable management

The deeper-front EIA flange space allows extra room for cabling. In addition, built-in cable raceways along the side of the cabinet guide cables from the front to the back, making cabling easier.

intel inside™ XEON®

Rear and side pockets

The Enterprise V2 Dynamic Rack supports four toolless 0U PDUs that can be mounted in the back, and up to six 1U PDUs with rear access in side pockets. This allows you to meet the power needs of the cabinet without sacrificing equipment space, increasing rack density.

Ship-loadable design

The rugged, welded design and reusable packaging allows the rack to be shipped with up to 954 kg of equipment installed. It is designed to help keep your systems safe.

Powerful cooling option

The Rear Door Heat eXchanger can be installed on this rack to provide cooling for workloads that utilize up to 30 kw of power, removing 100 percent of the heat generated.[1] With the rear door installed, the combined rack footprint can be contained on two standard data center floor tiles.

Standard safety features

To allow you to move a fully loaded system safely and easily, this rack includes standard removable outriggers on both sides to help prevent accidental tipping. Also, it includes a standard anti-tip plate to help prevent the rack from tipping forward when you slide out equipment.

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

Specifications

Description	42U 1100 mm Rack	42U 1100 mm Expansion Rack
Machine type model (MTM)	93634PX	93634EX
Rack height	42U	42U
Lockable perforated front/rear doors	Yes	Yes
Rear Door Heat eXchanger V2 (option part number **175642X**)	Yes (option)	Yes (option)
1U side pockets with rear access	6	6
0U tool-less PDU	4	4
Vertical and horizontal internal cable channels	Yes	Yes
Lockable side panels Included	Yes	No
Top cable exits	Yes	Yes
Bottom cable exits	Yes	Yes
Standard front stabilizer	Yes	Yes
Standard front of rack air baffle	Yes	Yes
External width (in./mm)	23.6/600	23.6/600
External height (in./mm)	78.74/2000	78.74/2000
External depth (in./mm)	43.3/1100	43.3/1100
Rack weight – empty (lbs/kg)	412/187	338/153
Load capacity (lb/kg)	2100/953	2100/953
Reusable ship loadable packaging	Yes	Yes

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For more information

To learn more about the 42U 1100 mm Enterprise V2 Dynamic Rack, visit: **ibm.com**/systems/x/options/rackandpower/index.html or contact your System x representative or Business Partner.

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[1] 100% heat removal at 14 gpm flow of 18 deg. C water; up to 120% heat removal at 15 gpm flow of 12 deg. C water. (The additional 20% applies to heat removed from ambient air.) Other percentages apply with different flow rates and temperatures.

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