



# CUBIX Xpander Rackmount 8 5URP24 Tech Specs

## Front and Rear View



## Technical Specifications

Expansion slots	PCI Express Generation 3.0 x16
Number of slots (std)	4 slots in each of 2 x MIBs for a total of 8 slots
Form factor support	8 full-height, full-length, double-wide controllers or adapters in 2 x MIBs
Connecting cables	2 x external PCI Express cables
Connector type	x16, 136-pin
Length, total	2.00meters (78.7inches or 6.6feet)
Length, external	MIB 1: 1.4m (54.5 inches or 4.5feet) MIB 2: 1.4m (53.5inches or 4.6feet)
Connector duty cycle	250 mating cycles maximum per connector
PCIe x16 HICs (2)	Install each HIC in a PCIe x16 slot of the host computer
PCIe Gen 3 slot in host	Provides a theoretical 128.0Gbps data transfer rate
Front panel LCD	Main menu = left button Sub-menu = right button (See detail on page 10.)
Cubix Corporation	MIB assembly and revision; management firmware revision
Power supply status	Redundant power
Temperature status	3 sensor readouts in degrees Centigrade (C) per MIB
Fan status	Fan status, voltage percent (%) speed
PCIe link status	x16 cable connected; 8.0Gbps, 5.0Gbps or 2.5Gbps x16 link speed
x16 cable	Connected or not connected status
Slot 1 - 8 x16 transfer rate, theoretical	PCIe Gen 3.0Gbps x16 = 128.0Gbps
LCD panel backlight	Toggle on / off using right button
Serial ATA (SATA) Ports	SATA 3
Solid-state drive (SSD) No.	24
Drive Format	2.5-inch (63.5mm) solid-state drive (SSD) 3.5-inch SSD
Transfer Rate	6.0GByte / second (theoretical)
Capacity, Terabytes (TB)	12, 10, 8, 6, 4, 2, 1, 0.5 Maximum 288TB with all drives operating
RAID configuration	0, 1, 5 or 10 hardware
Rear panel	Power supply module input receptacles
Adapter ports	If available, on installed controllers or adapters
Receptacle 1-4	1 x AC receptacle for each power supply module
Cooling Fans	4
Maximum air flow each	178 cubic feet / minute (cfm)
Remove / Replace	Hot-plug

AC Power Supply	One single-phase, auto-ranging, 100-240VAC, 45-24Amps, 50/60Hz with 3 + 1 x 1,280Watt redundant modules; total output power is not to exceed 3,840Watts
Auxiliary power cables	8 x sets of 6-pin + 8-pin (6P + 8P)
Operating environment	0° to 30° Celsius (32° to 86° Fahrenheit) temperature 5% to 80% non-condensing humidity
Altitude	Maximum
Operating	10,000ft (3,05meters)
Storage	50,000ft (15,24meters)
Dimensions	8.75" H x 19.00" W x 28.00" D (22.22cm H x 48.26cm W x 71.12cm D)
Weight	56.00lbs (24.50kg)
Warranty / period	Parts & labor return to manufacturer / 2 year
Ext. warranty period	Optional 3 years