



2 OU OCP High Density JBOD

CT0245J

The CT0245J is a 2 OU rack-mount 45-drive JBOD designed for high-density, high-reliability telco cloud applications.

The JBOD has a tool-less drive sled design that allows the installation or removal of drives while the system is running, simplifying maintenance and servicing. Each of the three drive sleds holds 15 drives and contains its own cable management arm (CMA). The CMA is a mechanical segmented arm that unfolds when you pull out the drive sled to access the drives and folds back up when you push the drive sled in.

Removable fans are housed at the rear of the JBOD chassis for easy serviceability. The chassis is powered by a shared 12 VDC power system. All data cables are accessible from the front of the chassis, and power is provided from the rear by busbars.

The architecture of the CT0245J 2 OU 45-drive JBOD provides hard drive rotating storage with a flexible storage platform. The storage system is a 2 OU system, with most of the components accessible and serviceable from the front of the chassis on slide-out storage sleds.

In its nominal configuration, the chassis supports up to 45 drives with three independent drive sleds, each holding up to 15 drives. This requires less JBODs in the same rack space. The only common component shared by the drive sleds is the incoming power (12V) delivered by the busbar clip at the rear of the chassis. For ease of maintenance and servicing, drives are tool-less and hot-swappable, meaning that a single drive can be replaced in a drive sled without affecting any of the other drives.

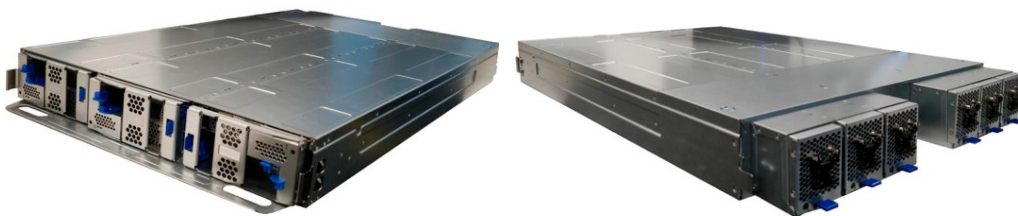
Several configurations of the chassis exist for various applications. The architecture is designed to maximize common components between configurations and modularize the components that differ.

Overview

Touchless Set Up

- » 45-drive JBOD
- » 12Gb SAS drive mid-plane
- » Supports both 3.5" and 2.5" drives, SAS/SATA HDDs and SSDs
- » Supports hot-plugging of drives
- » Compliance with key GR-63-CORE chapters
- » Each of the three drive sleds contains its own cable management arm (CMA)
- » Removable fans at the rear of the chassis
- » Chassis powered from a shared 12 VDC busbar at the rear

Form Factor	2 OU (Open Rack) Compatible with ORv2 Cubby sub-chassis
Drives	(45) 3.5" and 2.5" SAS/SATA hot-pluggable HDDs/SSDs In 3 sleds with 15 drives/sled
Dimensions (D x w x H)	801mm (excluding fans) x 537mm x 93.2mm
Fans	(6) Single or dual rotor 60mm hot-swappable
Cascade Mode	Supported
Expander Module	(3) 12Gb SAS based modules
External Ports	(2) Mini-SAS HD per expander module
Manageability	Via SES-2
LED Indicators/expander Module	System power and system fault
Buttons/Expander Module	Power Reset UID with LED
Mid-plane	Drive mid-planes in each sled connected to dedicated expander module
Power	Single 12V DC busbar connection
Operating Temperature	Up to 40°C
Weight	w/o HDD - 77Lbs w/ HDD - 141.5Lbs (10TB)
Mounting Rails	Fixed



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