

Centauri Storage Expansion

PCIe 4.0 Storage Expansion (Part number: OSS-EXS-C4B)

Features

- Bulk removable 8-bay storage canister
- Up to 128 TB of storage capacity per canister
- Unique half-rack, short-depth form factor
- PCIe 4.0 x16 SFF-8644 host uplink
- BMC and fan control

System

Enclosure	<p>Dimensions: 3U, 8.5" W x 20" D x 5.25" H (21.59cm x 50.8cm x 13.34cm)</p> <p>Weight: 13 lbs with drives (5.9kg)</p> <p>Aesthetics: Aluminium chassis, black liquid paint exterior</p> <p>Capacity: 128 TB per 3U system using 15.36 TB NVMe drives</p>
Storage options	Drives: Up to eight U.2/U.3 PCIe 3.0 or 4.0 x4 NVMe solid state drives (SSD)
Operating systems	Supports servers and initiators running Microsoft Windows, Windows Server, Linux, UNIX, Solaris and Hypervisors
Expansion	Multiple Centauri can be connected through an available PCIe x16 slots in a host server
System management	IPMI 2.0 compliant BMC monitors and controls fans, power supplies, temperature sensors & I2C devices
Management GUI	Web server accessible over RJ-45 Ethernet port or rear of chassis
LED indicators	LEDs on the front panel indicating drive activity, power status and system ID
RAID	Software RAID level support provided by the server, ION Accelerator or Zion Software
Service management	1 Ethernet connector for connection to system monitoring tool Supports CLI, web GUI and SNMP management options
Vibration	<p>Operation Vibration: 5-17Hz 0.5" double amplitude displacement; 7-2000Hz, 1.5g acceleration</p> <p>Storage / transport vibration: 2g @ 5-500Hz</p> <p>Operating shock: 20g @ 11 msec</p> <p>Storage / transport shock: 30g @ 11 msec</p>
Power supply	<p>Dual 1600-Watt common redundant power supply (CRPS) Input voltage options:</p> <ul style="list-style-type: none"> ▪ 100-240 VAC full range ▪ 48V DC ▪ Frequency range: 50/60 Hz ▪ Amperage: 10A (RMS) for 115V, 5A (RMS) for 208V (estimated) ▪ Efficiency: Typical 90%
Operating environment	<p>10° to 50°C with maximum temperature gradation of 5°C per hour, -16 to 3048 meters (-50 to 10,000 feet)</p> <p>5% to 90% (non-condensing) with maximum humidity gradation of 10% per hour</p>
Storage environment	<p>-40° to 70°C (-40° to 158° F) with maximum temperature gradation of 20°C per hour</p> <p>5% to 95% (non-condensing)</p>
Agency Compliance	<p>FCC - Verified to comply with Part 15 of the FCC Rules, Class A</p> <p>Canada ICES-003, issue 4, Class A</p> <p>UL/IEC 60950-1</p> <p>CSA C22.2 No. 60950-1</p> <p>IEC 60950-1 (CB Certificate and CB Test Report)</p> <p>CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3)</p> <p>CISPR 22, Class A</p> <p>WEEE (EU 2012/19) & RoHS 3 (EU 2015/863)</p>

Front

