Datasheet

HS-2200 Series 2U Industrial Server Chassis

2U rack-mount chassis and integrated systems / 8 to 24 hot-swap bays / H-BMC management controller / seven-year supply from launch



The HS-2200 series is a family of 2U server chassis for equipment makers and operators who need the same system for years: medical imaging and laboratory equipment makers, transport and energy operators, network operators and integrators of edge systems. Every model is supplied for seven years from its launch, and any change to a part that could affect a customer's qualification is notified at least six months in advance.

We supply the chassis on its own, for customers who fit their own boards, or as an integrated system with a Hosaka server board, memory, storage and operating system installed, configured and run under load for 72 hours at our Koriyama Works before shipment. Integrated systems can be shipped with the customer's own asset labels and BIOS settings and registered in their name for on-site service.

Models

Model	Drive bays	Depth	Power	Temperature
HS-2208	8 × 3.5-inch hot-swap (SAS/SATA)	650 mm	800 W redundant (1+1)	+5 to +40°C
HS-2212	12 × 3.5-inch hot-swap (SAS/SATA/NVMe)	680 mm	1,200 W redundant (1+1)	+5 to +40°C
HS-2224	24 × 2.5-inch hot-swap (SAS/SATA/NVMe)	650 mm	1,200 W redundant (1+1)	+5 to +40°C
HS-2208S	8 × 2.5-inch hot-swap (SAS/SATA/NVMe), front	450 mm	800 W redundant (1+1), AC or −48 V DC	0 to +50°C

Common specifications

Form factor	2U, 19-inch rack mount, steel chassis
Management	H-BMC management controller with dedicated 1 GbE port; standard remote management protocols; serial-over-LAN; virtual media
Security	TPM 2.0; chassis intrusion switch; lockable front bezel; signed BMC and BIOS firmware with rollback protection
Cooling	Front-replaceable hot-swap fans, N+1
Front panel	Power, reset and ID buttons; status lights; USB 3.0; management port (HS-2208S)
Noise	52 dB(A) at 25°C, typical load
Certifications	Safety and EMC approvals for Japan, North America and Europe (details in the datasheet)

Options

SL1 SL1 Service Link module	A field-removable rear module with its own radio, for units at unattended sites without a management network. It slides into the rear option bay of any HS-2200 or HS-1100 chassis and can be moved between units without tools. The H-BMC reports chassis status and alerts through it to a Hosaka gateway, at ranges of up to several kilometres in built-up areas. While a service session is open, the module transmits a short beacon carrying the service profile name, so that a field engineer can find the unit, and shows the same name on its small status display. Regional versions: SL1-JP (920 MHz), SL1-EU (868 MHz) and SL1-NA (915 MHz). Not recommended for installation in data centres.
SL1-AX SL1 antenna extension kit	Low-loss cable in 10 m or 30 m lengths (SL1-AX10, SL1-AX30) with a mast bracket, for mounting the SL1 antenna outside a cabinet or building.
DC48 −48 V DC power supplies	Redundant −48 V DC power supplies for telecommunications sites (HS-2208S).
FA1 Front-access kit	Brings the board's network and serial ports to the front panel, for cabinets that cannot be reached from the rear (HS-2208S).
RK2 Slide rail kit	Tool-less slide rails for racks from 600 to 900 mm deep.
W5 Five-year warranty	Extends the standard three-year return-to-base warranty; on-site response options are available in Japan, North America and Europe.

Specifications are subject to change without notice. Integrated systems are ordered by configuration code; options are ordered separately.