

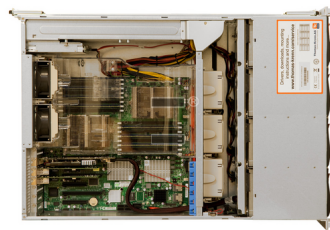
Datasheet

4U AMD Dual-CPU SC846 Server (sale)

[Ver. 2.1]

Highlights at a glance:

- HDDs up to SAS 6Gb/s or SATA 3Gb/s
- 24x 3.5" / 2.5" (Hot-swap) up to
- IPMI (optional)
- Energy-efficient power supply 80 PLUS Gold (>87%) red. NT



Mainboards

Mainboards	Supermicro H8DME-2
Chipset	nVidia MCP55 Pro
Socket	AMD Socket F (1207 PIN)
Processor	AMD Opteron 2200, AMD Opteron 2300
Main Memory	bis zu DDR2 667/800 RDIMM (16 DIMMs)
LAN Onboard	2 x 1 GBit/s LAN (RJ-45)
LAN chipset	nVidia MCP55 Pro
Onboard graphic	1x VGA ATI ES1000 16 MiB
Onboard Input/Output	2x PS/2 1x Fast UART 16550 Serial Port (RS-232) 1x Internal Serial Header

USB-ports	0x USB on board (type A) 2x USB (rear)
-----------	---

Extension-slots for additional cards

Available slots in the chassis	0 Full profile, Full Length
--------------------------------	-----------------------------

Storage capacity

Possible number of HDDs	24x 3.5" / 2.5" (Hot-swap)
Backplane	SATA/SAS-2 expander backplane (E16)

Server management

Management software	Supermicro SuperDoctor III
Remote management	IPMI (optional)
Features	IPMI with KVM Over LAN Serial Over LAN (SOL) Virtual Media Over LAN (Virtual USB Floppy/CD and Drive Redirection) LAN Alert-SNMP Trap Event Log OS Independent Hardware Health Monitor Remote Power Control Support RMCP & RMCP + Protocols Managementsoftware IPMI View
IPMI-sensors	CPU-temperature (OK / warning) system-temperature (Celsius degree) Electronic voltage (volt) Cooler speed (RPM) Additional model-dependent sensors (www.thomas-krenn.com/ipmi-sensoren)

Chassis

Unit	4U
Dimensions	178 mm (H), 437 mm (W), 660 mm (D)
drives (in scope of delivery)	not contained, optional available
Drives (optional)	1x Slim CD/DVD/DVD-R External USB-drives
Fan (center)	80x80x32mm (6700rpm, 47dBA)

Power supply

Power supply unit	4HE Supermicro Chassis SC846E16
energy efficiency	92.4%
PMBus support	Yes, Ver.1.1

Rack Assembly

Assembly rails	contained in the scope of supply
rail length	675-875 mm
Total length server front to end of assembly rail	825 mm
Max. extraction length	680 mm
Recommended maneuvering space	75 mm (minimum)

environment-requirements

Recommended environment-temperature (appropriate BSI)	20 - 22 degree
Recommended air humidity (appropriate BSI)	max. 40%