

Supermicro A+ Server AS-2123BT-HNC0R 2U DP Twin^2 4x6SFF LSI 3008 SIOM RED PSU

Kod producenta: AS -2123BT-HNC0R



Chassis Form Factor	Rack 2U
# of systems (nodes)	4
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets (per node)	2
Supported CPU's	AMD EPYC 7001 AMD EPYC 7002
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM
Memory Speed	3200 MHz 2933 MHz 2666 MHz
# of DIMM's (per node)	16
Storage Controllers	Broadcom 3008 IT mode
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 1+1
PSU Wattage	2200 W
PSU Certification	80+ Titanium
Uwagi	*AMD EPYC 7002 series drop-in support requires board revision 2.x)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

UWAGA !!!

Ze względu na wysoki stopień integracji platforma dostępna jest tylko i wyłącznie jako gotowy system wraz z CPU, RAM i HDD oraz dodatkowymi kartami rozszerzeń. Prosimy o kontakt z nami w celu przedstawienia oferty na interesującą Państwa konfigurację.

Product SKUs
AS -2123BT-HNC0R • A+ Server 2123BT-HNC0R (**Black**)

Motherboard (per Node)

Super H11DST-B

Processor/Chipset (per Node)

- CPU • Dual AMD EPYC™ 7000-series Processors
• Socket SP3
Cores • Up to 32 Cores

System Memory (per Node)

- 16 DIMM slots
• Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM in 16 DIMMs
Memory Capacity • 8-channel memory bus
• For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks
• See Detailed Memory Support Matrix
Memory Type • DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs
Memory Sizes • 8GB, 16GB, 32GB, 64GB, 128GB
Memory Voltage • 1.2V
Error Detection • Corrects single-bit errors
• Detects double-bit errors (using ECC memory)

On-Board Devices (per Node)

- Chipset • System on Chip
SAS • SAS3 (12Gbps) via Broadcom 3008; IT mode
• 1 PCI-E 3.0 x16 SIOM LAN Networking Slot, Flexibility optional of SIOM LAN supported (Must bundle with at least one SIOM network card)
Network • Support for Intelligent Platform Management Interface v.2.0
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
IPMI • ASPEED AST2500 BMC
Video

Input / Output (per Node)

- LAN • Provided via SIOM (optional)
• 1 RJ45 Dedicated IPMI LAN port
USB • 2 USB 3.0 ports (rear)
Video • 1 VGA port
DOM • 1 SuperDOM (Disk on Module) port
Others • 1 COM port (header)
• 1 TPM 2.0 header

System BIOS (per Node)

- BIOS Type • AMI 128Mb SPI Flash ROM

Management (per Node)

- IPMI 2.0
• KVM with dedicated LAN
Software • SSM, SPM, SUM
• SuperDoctor® 5
• Watch Dog
Power Configurations • ACPI / APM Power Management

Chassis

- Form Factor • 2U Rackmount
Model • CSE-217BHQ+-R2K22BP2

Dimensions and Weight

- Width • 17.25" (438mm)
Height • 3.47" (88mm)
Depth • 28.5" (724mm)
Package • 26.4" (H) x 11.2" (W) x 39.8" (D)
Weight • Gross Weight: 85 lbs (38.6 kg)
• Net Weight: 54.5 lbs (24.7 kg)
Available Colors • Black

Front Panel (per Node)

- Buttons • Power On/Off button
• UID button
• Power status LED
LEDs • HDD activity LED
• Network activity LEDs
• Universal Information (UID) LED

Expansion Slots (per Node)

- PCI-Express • 2 PCI-E 3.0 (x16) Low-profile slots
• 1 SIOM card support (must bundle with network card)
• Interface: PCI-E 3.0 x4
M.2 • Form Factor: 22110
• Support SATA devices

Drive Bays (per Node)

- 6 Hot-swap 2.5" SAS3 drive bays or 4 NVMe + 2 SAS3 Hot-swap 2.5"
Hot-swap Please contact Supermicro Technical Support for additional information about HDD and SSD if mixed. Some restrictions and configuration rules that apply to SSD are different from HDD.

System Cooling

- Fans • 4 Heavy duty 8cm PWM fans with air shroud

Power Supply

- 2200W Redundant Power Supplies with PMBus
Total Output Power • 1200W/1800W/1980W/2090/2200W

- Dimension (W x H x L) • 45 x 40 x 480 mm

- 1200W: 100-127Vac / 50-60Hz
• 1800W: 200-220Vac / 50-60Hz
• 1980W: 220-230Vac / 50-60Hz
• 2090W: 230-240Vac / 50-60Hz
Input • 2090W: 180-220Vac (for UL/cUL only)

- 2200W: 220-240Vac (for UL/cUL only)
• 2090W: 230-240Vdc (for CCC only)
• Max: 100A / Min: 0A (100-127Vac)
• Max: 150A / Min: 0A (200-220Vac)
• Max: 165A / Min: 0A (220-230Vac)
• Max: 174.17A / Min: 0A (230-240Vac)
+12V • Max: 174.17A / Min: 0A (180-220Vac, UL/cUL only)
• Max: 183.33A / Min: 0A (220-240Vac, UL/cUL only)
• Max: 174.17A / Min: 0A (230-240Vdc, CCC only)
12Vsb • Max: 2.1A / Min: 0A

- Output Type • Gold Finger



- Certification UL/cUL/CB/BSMI/CE/CCC
Titanium Level
[Cert. in progress]

Operating Environment

- RoHS • RoHS Compliant
• Operating Temperature: 10°C ~ 30°C (50°F ~ 85°F)
• Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing)
• Non-operating Relative Humidity: 3% to 95% (non-condensing)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-server-as-2123bt-hnc0r-2u-dp-twin2-4x6sff-lsi-3008-siom-red-p-su-p-3466.html>