

Supermicro A+ Server AS-2023US-TR4 2U DP 12xLFF 4xGbE RED PSU

Kod producenta: AS -2023US-TR4



Chassis Form Factor	Rack 2U
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	2
Supported CPU's	AMD EPYC 7000
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM
Memory Speed	2666 MHz
# of DIMM's	32
Max Memory Size	4096 GB
Integrated GPU	Aspeed AST2500
# of 3.5 hot-swap bays	12
# of USB Ports	1 x USB 3.0 (rear) 1 x USB 3.0 Type A
# of SATA Ports	12
Storage Controllers	12 x AHCI iSATA 6Gb/s
# of Serial Ports	2 x Fast UART 16550 (rear)
# of 1GbE Ports	4 x RJ45
Network Controllers	Intel i350AM4 Quad Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM with dedicated LAN
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1600W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 723mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 slot (FH, 10.5" L) 5x PCI-E 3.0 x8 slots (FH, 9.5" L) 1x PCI-E 3.0 x8 slot (LP) 1x PCI-E 3.0 x8 (internal LP) HDD bays configuration: 12x SATA3 by default or 8x SATA3+NVMe (optional)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
AS-2023US-TR4 • A+ Server 2023US-TR4		Form Factor • 2U Model • CSE-829U2TS-R1K62P-T	
Motherboard		Dimensions	
H11DSU-IN		Height • 3.5" (89mm) Width • 17.2" (437mm) Depth • 28.46" (723mm) Weight • Net Weight: 36 lbs (16.4 kg) • Gross Weight: 72 lbs (32.7 kg)	
Processor/Chipset		Front Panel	
CPU	• Dual AMD EPYC™ 7000-series Processors • Socket SP3	Buttons • Power On/Off button • System Reset button	
Chipset	• System on Chip (SoC)	LEDs • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED	
System Memory		Drive Bays	
Memory Capacity	• 32 DIMM sockets • Supports up to 4TB Registered ECC DDR4 2666MHz SDRAM in 32 DIMMs • 8-channel memory bus	• 12 hot-swap 3.5" Drive Bays: - 12 SATA3 by default - Optional Drive Support: 8 SAS3 + 4 SAS3/NVMe • 2 rear hot-swap 2.5" drive bays	
Memory Type	• DDR4 2666 MHz Registered ECC, 240-pin gold-plated DIMMs	Hot-swap	
DIMM Sizes	• 4GB, 8GB, 16GB, 32GB, 64GB, 128GB	Backplane	
Memory Voltage	• 1.2V	HDD Backplane • Supports 12 SATA3 or 8 SATA3 + 4 NVMe or 12 SAS3 HDD	
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)	System Cooling	
On-Board Devices		Fans • 8 heavy-duty PWM fans with optimal fan speed control	
SATA	• SATA3 (6 Gbps) • Support for Intelligent Platform Management Interface v.2.0	Power Supply	
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2500 BMC	1600W Redundant Power Supplies with PMBus	
Network Controllers	• Provided via Ultra Riser Card	Total Output Power • 1000W/1600W	
VGA	• ASPEED AST2500 BMC	Dimension (W x H x L) • 73.5 x 40 x 203 mm	
Expansion Slots		Input • 100-127Vac / 13 - 9A / 50-60Hz • 200-240Vac / 10 - 8A / 50-60Hz +12V • Max: 83.3A / Min: 0A (100-127Vac) • Max: 133A / Min: 0A (200-240Vac) 12Vsb • Max: 2.1A / Min: 0A Output Type • 25 Pairs Gold Finger Connector	
2U	• 1 PCI-E 3.0 x16 slot (FH, 10.5" L) • 5 PCI-E 3.0 x8 slots (FH, 9.5" L) • 1 PCI-E 3.0 x8 slot (LP) • 1 PCI-E 3.0 x8 (internal LP) (Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and AOC Support for details.)		
Input / Output		Certification	
SATA	• 12 SATA3 (6 Gbps) ports	UL/cUL/CB/BSMI/CE/CCC Titanium Level [Test Report]	
LAN	• Quad Gigabit LAN ports • 1 RJ45 Dedicated IPMI LAN port	PC Health Monitoring	
USB	• 3 USB 3.0 ports (2 rear + 1 Type A)	CPU • Monitors CPU Core Voltages, +12V, +3.3V, +5V, +5V standby, 3.3V standby, VBAT • CPU switching voltage regulator • Up to 8-fan status tachometer monitoring	
VGA	• 1 VGA port	FAN • Up to eight 4-pin fan headers • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors • Monitoring for CPU and chassis environment	
SAS	• 12 SAS3 ports support via optional Add-on Card	Temperature • CPU Thermal Trip Support • Thermal control for 8x Fan connectors • I°C Temperature Sensing Logic	
NVMe	• 4 NVMe support with optional cables	LED • CPU / System Overheat LED	
Others	• 1 COM port (rear) • 2 SATA DOM power connector • TPM 1.2 header	Other Features • Chassis Intrusion Detection • Chassis Intrusion Header	
System BIOS		Operating Environment / Compliance	
BIOS Type	• AMI 128Mb SPI Flash EEPROM • Plug and Play (PnP) • DMI 2.3	RoHS • RoHS Compliant • Operating Temperature: 10°C to 35°C (50°F to 95°F) • Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)	
BIOS Features	• PCI 2.2 • ACPI 5.1 • USB Keyboard Support • SMBIOS 3.1.1	Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)	

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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-server-as-2023us-tr4-2u-dp-12xlf-4xgbe-red-psu-p-3089.html>