


# Supermicro A+ Server AS-1123US-TR4 1U DP 10xSFF 4xGbE RED PSU

Kod producenta: AS -1123US-TR4



Chassis Form Factor	Rack 1U
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 2.5 hot-swap bays	10
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A
# of SATA Ports	10
Storage Controllers	10 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	1000W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 43 x 707mm
Uwagi	PCI-Express Slots Configuration: 2x PCI-E x16 (FH/HL 9.5") slots 2x PCI-E x8 slots (1LP, 1 internal LP) HDD bays configuration: 8x SATA3 + 2x NVMe (optional) 8x SAS3 ports + 2x SATA3 (SAS Add-on card is optional)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

<b>Product SKUs</b>		<b>Chassis</b>	
AS -1123US-TR4 • A+ Server 1123US-TR4		Form Factor • 1U Model • <b>CSE-119UTS-R1K02P-T</b>	
<b>Motherboard</b>		<b>Dimensions</b>	
<b>H11DSU-iN</b>		Height • 1.7" (43mm) Width • 17.2" (437mm) Depth • 27.82" (707mm)	
<b>Processor/Chipset</b>		<b>Weight</b>	
CPU • Dual AMD EPYC™ 7000-series Processors • Socket SP3		• Net Weight: 26 lbs (11.8 kg) • Gross Weight: 41 lbs (18.6 g)	
Chipset • System on Chip (SoC)		<b>Front Panel</b>	
<b>System Memory</b>		<b>Buttons</b>	
Memory Capacity • 32 DIMM sockets • Supports up to 4TB Registered ECC DDR4 2666MHz SDRAM in 32 DIMMs • 8-channel memory bus		• Power On/Off button • System Reset button • Power LED • Hard drive activity LED	
Memory Type • DDR4 2666 MHz Registered ECC, 240-pin gold-plated DIMMs		<b>LEDs</b>	
DIMM Sizes • 4GB, 8GB, 16GB, 32GB, 64GB, 128GB		• 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED	
Memory Voltage • 1.2V		<b>Drive Bays</b>	
Error Detection • Corrects single-bit errors • Detects double-bit errors (using ECC memory)		Hot-swap • 10 2.5" hot-swap SATA3 or 8 SATA3 + 2 NVMe drive bays (optional)	
<b>On-Board Devices</b>		<b>Backplane</b>	
VGA • ASPEED AST2500 BMC		HDD Backplane • Supports 10 SATA3 or 8 NVMe + 2NVMe or 8 SAS3 + 2 SATA3 HDD	
<b>Expansion Slots</b>		<b>System Cooling</b>	
• 2 PCI-E x16 (FH/HL 9.5") slots • 2 PCI-E x8 (LP) slot (1 LP, 1 internal LP)		Fans • 8 heavy-duty PWM fans with optimal fan speed control Air Shroud • 2 Air Shroud	
1U <b>(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.)</b>		<b>Power Supply</b>	
		1000W Redundant Power Supplies with PMBus Total Output Power • 800W/1000W Dimension (W x H x L) • 73.5 x 40 x 203 mm	
<b>Input / Output</b>		<b>Input</b>	
SATA • 10 SATA3 (6 Gbps) ports		• 100-127Vac / 9.8 - 7A / 50-60Hz • 200-240Vac / 7 - 5A / 50-60Hz	
LAN • Quad Gigabit LAN ports • 1 RJ45 Dedicated IPMI LAN port		+12V • Max: 66.7A / Min: 0A (100-127Vac) 12Vsb • Max: 83A / Min: 0A (200-240Vac)	
USB • 5 USB 3.0 ports (2 rear + 2 via header + 1 Type A)		Output Type • 25 Pairs Gold Finger Connector	
VGA • 1 VGA port			
SAS • 8 SAS3 ports support via optional Add-on Card		<b>Certification</b>	
NVMe • 2 NVMe support with optional cables		UL/cUL/CB/BSMI/CE/CCC <b>Titanium Level</b> <b>[ Test Report ]</b>	
Others • 1 COM port (rear) • 2 SATA DOM power connector • TPM 1.2 header		<b>PC Health Monitoring</b>	
<b>System BIOS</b>		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	
BIOS Type • AMI 128Mb SPI Flash EEPROM • Plug and Play (PnP) • DMI 2.3		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	
BIOS Features • PCI 2.2 • ACPI 5.1 • USB Keyboard Support • SMBIOS 3.1.1		Temperature • CPU Thermal Trip Support • Thermal control for 8x Fan connectors • I°C Temperature Sensing Logic	
		LED • CPU / System Overheat LED	
		Other Features • Chassis Intrusion Detection • Chassis Intrusion Header	
		<b>Operating Environment / Compliance</b>	
		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)	
		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-1123us-tr4-1u-dp-10xsff-4xgbe-red-psu-p-3088.html>