

Supermicro MBD-X11SPi-TF, Single SKT, Intel C622 Chipset, SATA, 2x10GbE, IPMI, M.2 Bulk

Kod producenta: MBD-X11SPI-TF-B

	Category	Server
	Form Factor	ATX
	Dimensions	12" x 9.6"
	CPU Socket	LGA 3647 (Socket P)
	# of CPU sockets	1
	Supported CPU's	Intel Xeon Scalable Processors
	Chipset	C622
	Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
	Memory Speed	2666 MHz 2400 MHz 2133 MHz 1866 MHz 1600 MHz
	# of DIMM's	8
	Max Memory Size	1024 GB
	Integrated GPU	Aspeed AST2500
	# of PCIe x16 3.0	2
	# of PCIe x4 3.0	1
	# of PCIe x8 3.0	2
	# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 4 x USB 2.0 (header)
	# of SATA Ports	10
	Storage Controllers	10 x AHCI iSATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
	# of 10GbE Ports	2 x RJ45
	Network Controllers	Intel x722 Port 10 Gigabit Base-T Intel x557 Port 10 Gigabit Base-T
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	Aspeed AST2500
	TPM	1 x TPM 2.0 20-pin Header
	Uwagi	PCI-Express Slots Configuration: 1xPCI-E 3.0 x16 slot 1xPCI-E 3.0 x16 (in x16 or x8) slot 1x PCI-E 3.0 x8 (in x0 or x8) slot 1x PCI-E 3.0 x8 slot 1x PCI-E 3.0 x4 (in x8) slot M.2 Interface: 1x PCI-E 3.0 x4 & SATA

Product SKUs		Expansion Slots		
MBD-X11SPi-TF • X11SPi-TF		PCI-E	• 1 PCI-E 3.0 x16, • 1 PCI-E 3.0 x16 (x16 or x8), • 1 PCI-E 3.0 x8 (x0 or x8), • 1 PCI-E 3.0 x8, • 1 PCI-E 3.0 x4 (in x8 slot)	
Physical Stats			M.2	• Interface: PCIe 3.0 x4 and SATA • Form Factor: 2280, 22110
Form Factor • ATX				
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)				
Processor/Cache		System BIOS		
CPU	• Intel® Xeon® Processor Scalable Family. • Single Socket P (LGA 3647) supported, CPU TDP support 205W	BIOS Type	• AMI UEFI • ACPI 6.0	
	Cores / Cache • Up to 28 cores	BIOS Features	• RTC (Real Time Clock) Wakeup • SMBIOS 3.0 or later	
System Memory		Management		
Memory Capacity	• 8x 288-pin DDR4 DIMM slots • Up to 1TB ECC 3DS LRDIMM • Up to 512GB ECC LRDIMM • Up to 256GB ECC RDIMM	Software	• Intel® Node Manager, IPMI2.0, KVM with dedicated LAN, NMI, SPM, SUM, SuperDoctor® 5, Watchdog • ACPI Power Management	
	Memory Type		• 2666/2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit 288-pin RDIMM/LRDIMM • Power-on mode for AC power recovery	
DIMM Sizes	• RDIMM: 4GB, 8GB, 16GB, 32GB • LRDIMM: 32GB, 64GB • 3DS LRDIMM: 64GB, 128GB	PC Health Monitoring		
	Memory Voltage	Voltage	• +1.8V, +12V, +3.3V, +5V, +5V standby, 3.3V standby, 7-fan status, Chassis intrusion header, HT, Monitors CPU voltages, Supports system management utility, VBAT • 7x 4-pin fan headers (up to 7 fans), Fan speed control, Overheat LED indication, PWM fan speed control, System level control	
Error Detection	• Corrects single-bit errors • CPU thermal trip support			
On-Board Devices		FAN	• PECI • CPU / System Overheat LED	
Chipset	• Intel® C622	Temperature	• UID/Remote UID • Suspend static indicator LED	
SATA	• Intel® C622 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10		LED	• ACPI power management, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, M.2 NGFF connector, RoHS, UID, WOL
IPMI	• ASPEED AST2500	Other Features		
Network Controllers	• Dual LAN with 10GBase-T with Intel® X722 + X557			
Graphics	• Aspeed AST2500 BMC	Operating Environment		
Input / Output		Operating Temperature Range	• 0°C ~ 50°C (32°F ~ 122°F)	
SATA	• 10 SATA3 (6Gbps) port	Non-Operating Temperature Range	• -40°C - 70°C (-40°F - 158°F)	
LAN	• 2 RJ45 10GBase-T ports	Operating Relative Humidity Range	• 8% - 90% (non-condensing)	
USB	• 6 USB 2.0 ports (2 rear + 4 via header(s)), • 5 USB 3.0 ports (2 rear + 2 via header(s) + 1 Type A)	Non-Operating Relative Humidity		
	Video Output			
Serial Port / Header	• 1 VGA port(s) • 2 COM Ports (1 rear, 1 header(s))			
TPM	• TPM Header			

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11spi-tf-single-skt-intel-c622-chipset-sata-2x10gbe-ipmi-m2-bulk-p-3240.html>