

Supermicro MBD-X11SSQ, Single SKT, Intel Q170 Chipset, SATA, 2xGbE, M.2

Kod producenta: MBD-X11SSQ-0



Category	Embedded
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Core 7th Gen. Intel Core 6th Gen.
Chipset	Intel Q170 Express
Memory Type	DDR4 non-ECC UDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Intel HD Graphics
# of PCIe x16 3.0	1
# of PCIe x4 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 4 x USB 2.0 (rear) 4 x USB 2.0 (header)
# of SATA Ports	6
Storage Controllers	6 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	4 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i219LM Port Gigabit Ethernet Intel i210AT Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 slot 2x PCI-E 3.0 x4 slots 1x PCI-E 3.0 x1 slot M.2 PCI-E x2 M Key 2242/2260/2280, PCI-E 3.0 x4 with open slots

Product SKUs		Expansion Slots	
MBD-X11SSQ • X11SSQ (Bulk Pack)		<ul style="list-style-type: none"> • 1 PCI-E 3.0 x16 • 2 PCI-E 3.0 x4 	
Physical Stats		PCI-E	
Form Factor • Micro-ATX		<ul style="list-style-type: none"> • 1 PCI-E 3.0 x1 • M.2 PCI-E x2 M Key 	
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)		2242/2260/2280, PCI-E 3.0 x4 with open slots	
Processor/Cache		M.2	
<ul style="list-style-type: none"> • Intel® 6th Generation Core™ i3 series • Intel® 6th Generation Core™ i5 series • Intel® 6th Generation Core™ i7 series • Intel® 7th Generation Core™ i3 series • Intel® 7th Generation Core™ i5 series • Intel® 7th Generation Core™ i7 series • Intel® Celeron® • Intel® Pentium® • Single Socket H4 (LGA 1151) supported; CPU TDP support Up to 91W 		<ul style="list-style-type: none"> • Form Factor: 2242, 2260, 2280 	
CPU		System BIOS	
<ul style="list-style-type: none"> • BIOS version 2.0 or above is required to support 7th Generation Intel® Core™ Processors 		<ul style="list-style-type: none"> • AMI UEFI • Plug and Play (PnP) • DMI 2.3 • USB Keyboard support 	
Note		BIOS Type	
		<ul style="list-style-type: none"> • UEFI 2.3.1 • ACPI 5.0 • SMBIOS 3.0 • PCI 3.0 	
System Memory		BIOS Features	
<ul style="list-style-type: none"> • Up to 64GB Unbuffered non-ECC UDIMM, DDR4-2400MHz, in 4 DIMM slots • 2400/2133/1866MHz Non-ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs • 4GB, 8GB, 16GB • 1.2V • N/A 		<ul style="list-style-type: none"> • AMT • NMI • SuperDoctor® 5 • vPro • Watchdog • ACPI Power Management • Keyboard Wakeup from Soft-Off • Power-on mode for AC power recovery • Force Power On by Jumper 	
Memory Capacity		Management	
Memory Type		Software	
DIMM Sizes		<ul style="list-style-type: none"> • Watchdog • ACPI Power Management • Keyboard Wakeup from Soft-Off • Power-on mode for AC power recovery • Force Power On by Jumper 	
Memory Voltage		Power Configurations	
Error Detection		<ul style="list-style-type: none"> • AMT • NMI • SuperDoctor® 5 • vPro • Watchdog • ACPI Power Management • Keyboard Wakeup from Soft-Off • Power-on mode for AC power recovery • Force Power On by Jumper 	
On-Board Devices		PC Health Monitoring	
Chipset		<ul style="list-style-type: none"> • +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 1.2V (VDIMM), 4 -fan status, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT • CPU thermal trip support • I2C temperature sensing logic • Thermal Monitor 2 (TM2) support • PECL • CPU / System Overheat LED • Standby alert LED • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
SATA		Voltage	
Network Controllers		<ul style="list-style-type: none"> • 4x 4-pin fan headers (up to 4 fans) • Overheat LED indication • Pulse Width Modulated (PWM) fan connectors • PWM fan speed control • System level control • Thermal control tachometer fan connectors • Monitoring for CPU and chassis environment 	
Audio		FAN	
Graphics		<ul style="list-style-type: none"> • CPU thermal trip support • I2C temperature sensing logic • Thermal Monitor 2 (TM2) support • PECL • CPU / System Overheat LED • Standby alert LED • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
Input / Output		Temperature	
USB		<ul style="list-style-type: none"> • CPU / System Overheat LED • Standby alert LED • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
Video Output		LED	
Serial Port / Header		<ul style="list-style-type: none"> • CPU / System Overheat LED • Standby alert LED • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
TPM		Other Features	
Others		<ul style="list-style-type: none"> • CPU / System Overheat LED • Standby alert LED • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
		Operating Environment	
		<ul style="list-style-type: none"> • 10% ~ 85% (non-condensing) 	
		Operating Temperature Range	
		<ul style="list-style-type: none"> • 0°C ~ 60°C (32°F ~ 140°F) 	
		Non-Operating Temperature Range	
		<ul style="list-style-type: none"> • -20°C ~ 60°C (-4°F ~ 140°F) 	
		Operating Relative Humidity Range	
		<ul style="list-style-type: none"> • 10% ~ 85% (non-condensing) 	
		Non-Operating Relative Humidity Range	
		<ul style="list-style-type: none"> • 10% ~ 85% (non-condensing) 	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssq-single-skt-intel-q170-chipset-sata-2xgbe-m2-p-3067.html>