

Supermicro MBD-X11SSV-Q, Single SKT, Intel Q170 Chipset, SATA, 2xGbE, M.2

Kod producenta: MBD-X11SSV-Q-0



Category	Embedded
Form Factor	Mini-ITX
Dimensions	6.7" x 6.7"
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 SODIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz
# of DIMM's	2
Max Memory Size	32 GB
Integrated GPU	Intel HD Graphics
# of PCIe x16 3.0	1
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header) 4 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	5
Storage Controllers	5 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	2 x Fast UART 16550 (rear)
# 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 M.2 PCI-E 3.0 x4 with SATA support M.2 Form Factor:2242, 2280

Product SKUs		Expansion Slots	
MBD-X11SSV-Q • X11SSV-Q (Bulk Pack)		<ul style="list-style-type: none"> • 1 PCI-E 3.0 x16 • Mini-PCIe with mSATA support, M.2 	
Physical Stats		<ul style="list-style-type: none"> • PCI-E 3.0 x4 with SATA support, M Key 	
Form Factor • Mini-ITX		<ul style="list-style-type: none"> • M.2 • Form Factor: 2242, 2280 	
Dimensions • 6.7" x 6.7" (17.02cm x 17.02cm)			
Processor/Cache		System BIOS	
<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® • Socket LGA 1151 supported; CPU TDP support Up to 91W • BIOS version 2.0 or above is required to support 7th Generation Intel® Core™ Processors 		<ul style="list-style-type: none"> • BIOS Type • AMI UEFI • ACPI 5.0 • DMI 2.3 • PCI 3.0 • BIOS Features • Plug and Play (PnP) • SMBIOS 3.0 • UEFI 2.3.1 • USB Keyboard support 	
CPU		Management	
Note		<ul style="list-style-type: none"> • AMT • NMI • Software • SuperDoctor® 5 • vPro • Watchdog • Power Configurations • ACPI Power Management • Power-on mode for AC power recovery 	
System Memory		PC Health Monitoring	
<ul style="list-style-type: none"> • Up to 32GB Unbuffered non-ECC SO-DIMM, DDR4-2400MHz, in 2 DIMM slots • 2400/2133/1866MHz Non-ECC DDR4 SDRAM 72-bit, 260-pin gold-plated SODIMMs • DIMM Sizes • 4GB, 8GB, 16GB • Memory Voltage • 1.2V • Error Detection • N/A 		<ul style="list-style-type: none"> • Voltage • +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 • FAN • 4x 4-pin fan headers (up to 4 fans) • Pulse Width Modulated (PWM) fan connectors • PWM fan speed control • System level control • Thermal control tachometer fan connectors • Monitoring for CPU and chassis environment • Temperature • CPU thermal trip support • Thermal Monitor 2 (TM2) support • PECI • LED • CPU / System Overheat LED • Standby alert LED • 8-pin 12v DC power connector • ACPI power management • ATX Power connector • Chassis intrusion header • Control of power-on for recovery from AC power loss • Other Features • CPU thermal trip support for processor protection • Intel Smart Response Technology • M.2 NGFF connector • RoHS • System level control • WOL 	
On-Board Devices		Operating Environment	
<ul style="list-style-type: none"> • Chipset • Intel® Q170 Express • Intel® Q170 Express controller for 5 SATA3 (6 Gbps) ports; RAID 0,1,5,10 • SATA • Intel RST • Single Intel® PHY I219LM LAN controller • Network Controllers • Single Intel® Ethernet Controller I210-AT • Audio • ALC 888S HD Audio • Graphics • Intel® HD Graphics 		<ul style="list-style-type: none"> • Operating Temperature Range • 0°C ~ 60°C (32°F ~ 140°F) • Non-Operating Temperature Range • -20°C ~ 60°C (-4°F ~ 140°F) • Operating Relative Humidity Range • 10% ~ 85% (non-condensing) • Non-Operating Relative Humidity Range 	
Input / Output			
<ul style="list-style-type: none"> • USB • 5 USB 2.0 ports (4 via header(s), 1 Type A) • 6 USB 3.0 ports (4 rear, 2 via header(s)) • Video Output • 1 HDMI port(s), 1 DP (DisplayPort) port(s), 1 DVI - I port(s) • Serial Port / Header • 2 COM Ports (2 rear) • TPM • TPM Header • Others • SGPIO Header, SMBus header, GPIO 			

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssv-single-skt-intel-q170-chipset-sata-2xgbe-m2-p-3066.html>