

# Supermicro MBD-X11SSL-F, Single SKT, Intel C232 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X11SSL-F-B



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v5
Chipset	Intel C232 Skylake
Memory Type	DDR4 ECC UDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2400
# 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	6
# of SATA DOM power	2
Storage Controllers	6 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 3.0 x4 (in x8) slot

<b>Product SKUs</b>		<b>Expansion Slots</b>	
MBD-X11SSL-F • X11SSL-F (Bulk Pack)		PCI-E	<ul style="list-style-type: none"> <li>• 1 PCI-E 3.0 x8 (in x16 slot)</li> <li>• 1 PCI-E 3.0 x8</li> <li>• 1 PCI-E 3.0 x4 (in x8 slot)</li> </ul>
<b>Physical Stats</b>		<b>System BIOS</b>	
Form Factor • Micro-ATX		BIOS Type	<ul style="list-style-type: none"> <li>• 128Mb SPI Flash EEPROM with AMI BIOS</li> <li>• ACPI 1.0 / 2.0 / 3.0 / 4.0</li> <li>• APM 1.2</li> <li>• DMI 2.3</li> <li>• Hardware BIOS Virus protection</li> </ul>
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)		BIOS Features	<ul style="list-style-type: none"> <li>• PCI 2.3</li> <li>• Plug and Play (PnP)</li> <li>• RTC (Real Time Clock) Wakeup</li> <li>• SMBIOS 2.7.1</li> <li>• UEFI 2.3.1</li> <li>• USB Keyboard support</li> </ul>
<b>Processor/Cache</b>		<b>Management</b>	
CPU	<ul style="list-style-type: none"> <li>• Intel® 6th Generation Core™ i3 series</li> <li>• Intel® Celeron®</li> <li>• Intel® Pentium®</li> <li>• Intel® Xeon® processor E3-1200 v5 series</li> <li>• Socket H4 (LGA 1151) supported; CPU TDP support 80W</li> </ul>	Software	<ul style="list-style-type: none"> <li>• IPMI2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots</li> <li>• 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs</li> <li>• 4GB, 8GB, 16GB</li> </ul>	Power Configurations	<ul style="list-style-type: none"> <li>• ACPI Power Management</li> <li>• Power-on mode for AC power recovery</li> </ul>
Memory Capacity	• 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots	<b>PC Health Monitoring</b>	
Memory Type	• 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs	Voltage	<ul style="list-style-type: none"> <li>• +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT</li> </ul>
DIMM Sizes	• 4GB, 8GB, 16GB	FAN	<ul style="list-style-type: none"> <li>• 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors</li> </ul>
Memory Voltage	• 1.2 V	Temperature	<ul style="list-style-type: none"> <li>• Thermal Monitor 2 (TM2) support</li> <li>• PECI</li> <li>• Monitoring for CPU and chassis environment</li> </ul>
Error Detection	<ul style="list-style-type: none"> <li>• Corrects single-bit errors</li> <li>• Corrects single-bit errors Detects double-bit errors (using ECC memory)</li> </ul>	LED	<ul style="list-style-type: none"> <li>• CPU thermal trip support</li> <li>• UID/Remote UID</li> <li>• CPU / System Overheat LED</li> </ul>
<b>On-Board Devices</b>		Other Features	<ul style="list-style-type: none"> <li>• Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, WOL</li> </ul>
Chipset	• Intel® C232	<b>Operating Environment</b>	
SATA	• Intel® C232 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10	Operating Temperature Range	• 0°C ~ 50°C (32°F ~ 122°F)
Network Controllers	• Dual LAN with Intel® Ethernet Controller I210-AT	Non-Operating Temperature Range	• -40°C - 70°C (-40°F - 158°F)
Graphics	• Aspeed AST2400 BMC	Operating Relative Humidity Range	• 8% - 90% (non-condensing)
<b>Input / Output</b>		Non-Operating Relative Humidity Range	
USB	<ul style="list-style-type: none"> <li>• 6 USB 2.0 ports (2 rear, 4 via header)</li> <li>• 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A)</li> </ul>		
Video Output	<ul style="list-style-type: none"> <li>• 1 VGA</li> <li>• 1 Aspeed AST2400 BMC</li> </ul>		
Serial Port / Header	• 1 COM Ports (1 rear)		
TPM	• Header		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssl-single-skt-intel-c232-chipset-sata-2xgbe-ipmi-bulk-p-2588.html>

