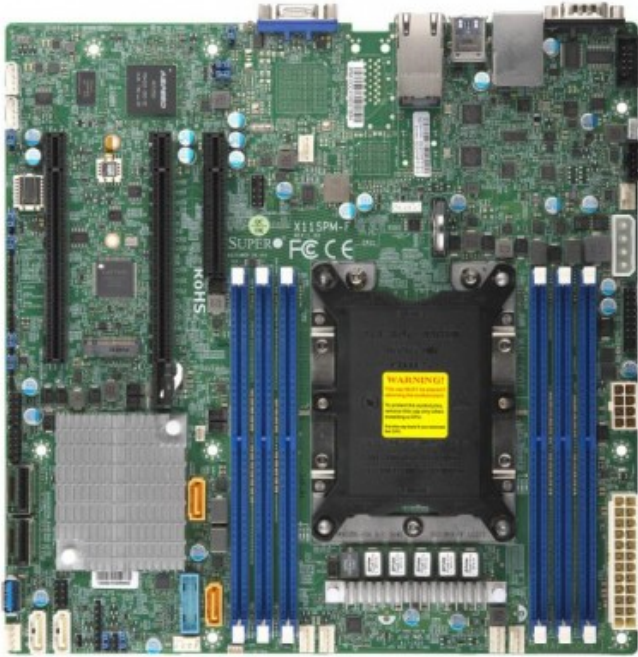


Supermicro MBD-X11SPM-F, Single SKT, Intel C621 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11SPM-F-O



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	1
Chipset	C621
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM DDR4 ECC 3DS RDIMM DDR4 ECC 3DS LRDIMM
Memory Speed	2933 MT/s 2666 MT/s 2400 MT/s /2133 MT/s
# of DIMM's	6
Max Memory Size	768 GB
Integrated GPU	ASPEED AST2500
# of SATA Ports	12
# of SATA DOM power	2
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 20-pin Header

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

MBD-X11SPM-F • X11SPM-F

Physical Stats

Form Factor • microATX

Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)

Processor/Cache

CPU • Intel® Xeon® Scalable Processors.
• Single Socket P (LGA 3647)
supported, CPU TDP support 165W

Cores / Cache • Up to 28 cores

System Memory

Memory Capacity • 6x 288-pin DDR4 DIMM slots,
• Up to 768GB ECC 3DS LRDIMM,
• Up to 384GB ECC LRDIMM,
• Up to 192GB ECC RDIMM
• 2666/2400/2133/1866/1600MHz

Memory Type ECC DDR4 SDRAM 72-bit 288-pin
RDIMM/LRDIMM

DIMM Sizes • RDIMM: 4GB, 8GB, 16GB, 32GB
• LRDIMM: 32GB, 64GB
• 3DS LRDIMM: 64GB, 128GB

Memory Voltage • 1.2V

Error Detection • Corrects single-bit errors

On-Board Devices

Chipset • Intel® C621

SATA • Intel® C621 controller for 12 SATA3
(6 Gbps) ports; RAID 0,1,5,10

IPMI • ASPEED AST2500

Network Controllers • Dual LAN with 1GbE with Marvell®
88E1512

Graphics • Aspeed AST2500 BMC

Input / Output

SATA • 12 SATA3 (6Gbps) port

LAN • 2 1GbE LAN ports

USB • 6 USB 2.0 ports (2 rear + 4
headers),
• 5 USB 3.0 ports (2 rear + 2 headers
+ 1 Type A)

Video Output • 1 VGA port

Serial Port / Header • 2 COM Ports (1 rear, 1 header)

TPM • TPM Header

Expansion Slots

PCI-E • 2 PCI-E 3.0 x16,
• 1 PCI-E 3.0 x8

M.2 • M.2 Interface: PCI-E 3.0 x4
• Form Factor: 2242, 2280

System BIOS

BIOS Type • AMI UEFI

BIOS Features • ACPI 6.0
• RTC (Real Time Clock) Wakeup
• SMBIOS 3.0 or later

Management

Software • Intel® Node Manager, IPMI2.0,
KVM with dedicated LAN, NMI,
SPM, SUM, SuperDoctor® 5,
Watchdog

Power Configurations • ACPI Power Management
• Power-on mode for AC power
recovery

PC Health Monitoring

Voltage • +1.8V, +12V, +3.3V, +5V, +5V
standby, 3.3V standby, 8 -fan status,
Chassis intrusion header, Monitors
CPU voltages, Supports system
management utility, VBAT

FAN • 8x 4-pin fan headers (up to 8 fans),
Fan speed control, Overheat LED
indication, PWM fan speed control,
System level control

Temperature • CPU thermal trip support, PECI

LED • CPU / System Overheat LED,
UID/Remote UID, Suspend static
indicator LED

Other Features • 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

Operating Environment

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

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11spm-single-socket-intel-c621-chipset-sata-2xgbe-ipmi-m2-p-3228.html>