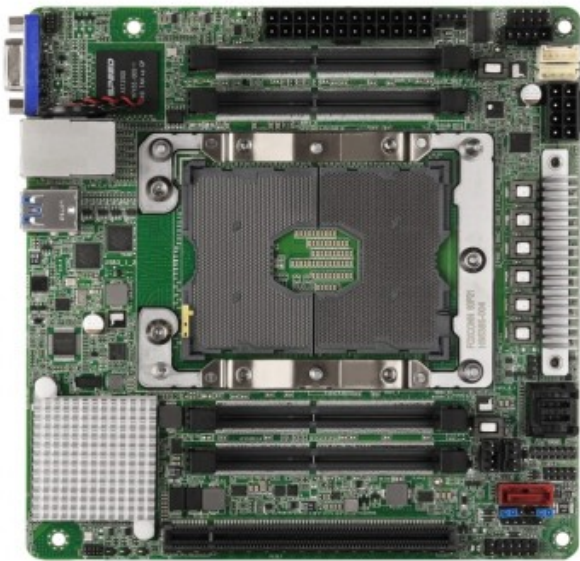


ASRock EPC621D4I-2M, 1xSKT LGA3647, Intel Xeon Scalable, C621, 4xDIMM, SATA, 2xM.2, 2xGbE, IPMI

Kod producenta: EPC621D4I-2M



Category	Workstation
Form Factor	Mini-ITX
Dimensions	6.7" x 6.7"
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	1
Supported CPU's	Intel Xeon Scalable Processors
Chipset	C621
Memory Type	DDR4 ECC SODIMM DDR4 non-ECC SODIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 3.0	1
# of USB Ports	2 x USB 3.2 (rear) 1 x USB 2.0 (header)
# of SATA Ports	1
# of SATA DOM power	1
# of SAS Ports	1
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 13-pin Header

EPC621D4I-2M

- Supports single Intel Xeon Scalable Processors/2nd Gen. Intel Xeon Scalable Processors
- Supports 4 Channel, DDR4 2666/2400/2133 SO-RDIMM, *ECC SO-DIMM, 4 DIMM slots.
*Conditional supported, for detail please refer below [PDF](#)
- IntelC621:7x SATA3
- Supports dual GLAN by Intel integrated MAC X722 + Marvell 88E1514
- Supports 1 x PCIe 3.0 x16
- 2 x USB 3.0 ports

Specyfikacja

Parametry płyty głównej	
Standard	- Mini ITX
Wymiary	- 6.7" x 6.7" (17.02 cm x 17.02 cm)
Procesor	
CPU	- Intel® Xeon® Scalable Processors
Socket	- Single Socket LGA3647 (Socket P)
Chipset	- Intel® C621
Pamięć operacyjna	
Pojemność	- 4 x 260-pin DDR4 DIMM slots - Support up to 64GB DDR4 SO-RDIMM, *ECC SO-DIMM. *Conditional supported, for detail please refer below PDF
Rodzaj	- Four Channel DDR4 memory technology - Support DDR4 2933*/2666/2400/2133, SO-RDIMM, SO-ECCDIMM
DIMM Size Per DIMM	- SO-RDIMM, SO-ECC DIMM:* 32GB, 16GB, 8GB, 4GB *Conditional supported, for detail please refer below PDF
DIMM Frequency	- SO-RDIMM, SO-ECC DIMM: 2933*/2666/2400/2133 MHz *DDR4 2933 memory is supported only when using the Intel® Cascade Lake CPU and Intel® Cascade Lake BIOS.
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16 - PCIE3: Gen3 x16 link (from CPU1)	
Magazynowanie	
Kontroler SATA	- Intel® C621: 7 x SATA3 6Gb/s (4 from mini-SAS HD, 1 x SATA DOM 6Gb/s and 2 x M.2 on bottom)), support RAID 0, 1, 5, 10
M.2 slot	- 2 X2280, (PCIE(x4)/SATA3)
Ethernet	
Interfejs	- 1000 /100 /10 Mbps
Kontroler LAN	- 2 x 1GbE RJ45 via Intel® integrated MAC X722 + Marvell Alaska 88E1514 - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function - Supports PXE - LAN1 supports NCSI
Kontroler BMC	- ASPEED AST2500
Funkcje	- Watch Dog - NMI
Grafika	
Kontroler	- ASPEED AST2500
VRAM	- DDR4 256MB
Tylny panel I/O	
Port VGA	- 1 x D-Sub
Port USB 3.2	- 2
Port Lan	- 2 x RJ45 Gigabit Ethernet LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Złącza wewnętrzne	

Port śledź COM	- 1 (from BMC)
Złącze TPM	- 1
NVME	- 1 x MINISASHD from PCH
Złącze wentylatorów	- 3Fans x 4-pin (CPU/2System)
ATX Power	- 1 (24-pin) + 1 (8-pin)
Złącze panelu USB 2.0	- 1 (support 2 USB 2.0)
PSU SMB Header	- 1
Panel frontowy	- 1
BMC_SMB Header	- 1
ME/SPS Recovery	- 1
Clear CMOS	- 1 (short pad)

BIOS

Rodzaj BIOS	- 256Mb AMI UEFI Legal BIOS
Cechy BIOS	- Plug and Play (PnP) - ACPI 2.0 Compliance Wake Up Events - SMBIOS 2.8.0 Support - ASRock Rack Instant Flash

Hardware Monitor

Temperatura	- CPU Temperature Sensing - System Temperature Sensing
Wentylator	- CPU/Rear/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Rear/Front Fan Multi-Speed Control
Napięcie	- Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore, DRAM, 1.05V_PCH, +BAT, 3VSB, 5VSB

Obsługiwane systemy

System operacyjny

Microsoft® Windows® (Server OS)

- Server 2012 R2 (64 bit)
- Server 2016 (64 bit)
- Server 2019 (64 bit)

Linux

- Red Hat Enterprise Linux Server 6.9 (64 bit) / 7.6 (64 bit)
- CentOS 6.9 (64 bit) / 7.6 (64 bit)
- SUSE Enterprise Linux Server 11 SP4 (64 bit) / 12 SP4 (64 bit)
- FreeBSD 11.2 (64 bit)
- Ubuntu 16.04 (64 bit) / 18.04 (64 bit)

Virtual

- VMWare® ESXi 6.5 u1/ vSphere 6.5 u1
- Citrix XenServer 7.5

*Please refer to our website for the latest OS support list.

*On the Ubuntu 16.04(64bit)/ 18.04 (64 bit) only support UEFI BOOT

*On the SUSE Enterprise Linux Server 11 SP4 (64 bit)/ 12 SP4 (64 bit) only support UEFI BOOT

*Cascade Lake CPU supports Red Hat 7.6 / CentOS 7.6.

Środowisko

Temperatura Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C

Specyfikacja może ulec zmianie bez wcześniejszego powiadomienia. Marka i nazwy produktów są znakami towarowymi ich właścicieli. Działanie konfiguracji innych niż wynikające ze specyfikacji nie jest gwarantowane.

Strona firmowa produktu:

<https://www.superstorage.pl/asrock-epc621d4i-2m-1xskt-lga3647-intel-xeon-scalable-c621-4xdimm-sata-2xm2-2xgbe-ipmi-p-4775.html>