

ASRock EPC621D8A, 1xSKT LGA3647, Intel Xeon Scalable, C621, 8xDIMM, SATA, 2xM.2, 4xGbE, IPMI

Kod producenta: EPC621D8A



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	1
Supported CPU's	Intel Xeon Scalable Processors
Chipset	C621
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's	8
Integrated GPU	ASPEED AST2500
# of PCIe x16 3.0	2
# of PCIe x4 3.0	1
# of PCIe x8 3.0	3
# of USB Ports	4 x USB 3.2 (rear) 2 x USB 3.2 (header) 1 x USB 3.2 (port)
# of SATA Ports	7
# of SATA DOM power	1
# of SAS Ports	1
# of 1GbE Ports	4 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

EPC621D8A

- ATX 12" x 9.6"
- Supports 2nd Gen. Intel Xeon Scalable Processors / Intel Xeon Scalable Processors
- Supports Six Channel DDR4 2933/2666/2400/2133 RDIMM/LR DIMM, Intel Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- Supports 13 x SATA3 6.0 Gb/s by Intel C621 (including 1x SATA DOM ports and 2x M.2 ports)
- Supports 2 PCIe3.0x 16, 3 PCIe 3.0x8, 1 PCIe 3.0 x4 (share information mark in below table)

Specyfikacja

Parametry płyty głównej

Standard	- ATX
Wymiary	- 12"x9.6"

Procesor

CPU	- Supports 2 nd Gen. Intel® Xeon® Scalable Processors / Intel® Xeon® Scalable Processors
Socket	- Single Socket P, LGA3647
Chipset	- Intel C621

Pamięć operacyjna

Pojemność	- 8 x 288-pin DDR4 DIMM slots
Rodzaj	- Six Channel memory technology - Support DDR4 2933/2666/2400/2133 RDIMM/LR DIMM, Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
Napięcie	- 1.2V

Sloty rozszerzeń

PCIe 3.0 x 16	- 2 slots (slot4: share with slot3, X16/x8, Slot6: share with slot5, X16/x8)
PCIe 3.0 x 8	- 3 slots (slot2: x8, slot3: share with slot3, X0/x8, Slot5: share with slot6, X0/x8)
PCIe 3.0 x 4	- 1 slot

Magazynowanie

Kontroler SATA	- Intel C621 : 13 x SATA3 (including 1 SATA DOM ports and 2 M.2 ports)
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Ethernet

Interfejs	- 1000 Mbps (1GbE)
Kontroler LAN	- 4 x RJ45 by Marvell 88E1543 for 4 ports GbE

Zarządzanie

Kontroler BMC	- ASPEED AST2500
IPMI Dedicated GLAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Funkcje	- Watch Dog - NMI

Grafika

Kontroler	- ASPEED AST2500
VRAM	- DDR4 256MB

Audio

Audio Codec	- Realtek ALC1150
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Tyłny panel I/O

Port VGA	- 1 x D-Sub
Port USB 3.0	- 4
Port Lan	- 4+1 RJ45 Gigabit Ethernet LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Port szeregowy	- 1 x COM port

Audio	- 3 hole
Złącza wewnętrzne	
SATA DOM	- 1
M.2	- 2 (up to 2280, SATA and PCIe x1)
Złącze panelu AUX	- 1 (includes chassis intrusion, location button & LED, front LAN LED)
Złącze TPM	- 1
Złącze IPMB	- 1
Brzęczyk	- 1
Złącze wentylatorów	- 1 x CPU Fan, 4 x system Fan (3 front, 1 rear)
ATX Power	- 1 (24-pin) + 1 (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 2 (support 4 ports USB 3.0)
Port USB 3.2 (Gen1) Type A	- 1
BIOS	
Rodzaj BIOS	- 256MB AMI UEFI Legal BIOS
Cechy BIOS	- Plug and Play (PnP) - ACPI 2.0 Compliance Wake Up Events - SMBIOS 2.8 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® - Windows® 10 (64 bit) - Server 2012 R2 (64 bit) - Server 2016 (64 bit) Linux - CentOS 6.8 (64 bit) / 7. 2 (64 bit) - SUSE Enterprise Linux Server 11 SP4 (64 bit) /12 SP1 (64 bit) - FreeBSD 11 (64 bit) - Fedora Core 24 (64 bit) - Ubuntu 16.04/15.10 (64 bit) - RedHat Enterprise Linux Server 6.8 (64 bit) / 7.2 (64 bit) Virtual: - VMWare® ESXi 6.0
Środowisko	
Temperatura	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C

Specyfikacja może ulec zmianie bez wcześniejszego powiadamiania. 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-epc621d8a-1xskt-lga3647-intel-xeon-scalable-c621-8xdimm-sata-2xm2-4xgbe-ipmi-p-4774.html>