

ASRock EPC621D6U-2T, 1xSKT LGA3647, Intel Xeon Scalable, C621, 6xDIMM, SATA, 1xM.2, 2x10GbE, IPMI

Kod producenta: EPC621D6U-2T

	Category	Workstation
	Form Factor	Micro-ATX
	Dimensions	9.6" 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	6
	Max Memory Size	256 GB
	Integrated GPU	ASPEED AST2500
	# of PCIe x16 3.0	2
	# of USB Ports	2 x USB 3.2 (rear) 1 x USB 3.2 (header) 1 x USB 2.0 (header) 1 x USB 3.2 (port)
	# of SATA Ports	2
	# of SATA DOM power	1
	# of SAS Ports	3
	# of 10GbE Ports	2 x RJ45
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	ASPEED AST2500
	TPM	1 x TPM 2.0 17-pin Header

EPC621D6U-2T

- Supports 2nd Gen. Intel Xeon Scalable Processors / Intel Xeon Scalable Processors
 - Supports 6 Channel, DDR4 2933/2666/2400/2133 RDIMM/LR DIMM, Intel Optane™ DC Persistent Memory in memory mode (Cascade Lake only), 8 dimm slots
 - IntelC62112 x SATA3 (12 port from 3 mini SAS HD, 1x SATA DOM, 1 SATA 7pin, 1 x M.2
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- Supports dual 10GBase-T by Intel X550-BT2
- Supports 2 x PCIe 3.0 x16
- 4 x USB 3.0 ports (2 ports in Rear side, 2 ports internal header) +1 Type A USB 3.0

Specyfikacja

Parametry płyty głównej	
Standard	- Micro ATX
Wymiary	- 9.6" X 9.6"
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	- 6 x 288-pin DDR4 DIMM slots
Rodzaj	- 6 Channels memory technology - Supports DDR4 2933/2666/2400/2133 RDIMM/LR DIMM, Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only), NVDIMM
DIMM Size Per DIMM	- RDIMM:32GB, 16GB, 8GB, 4GB - LRDIMM:64GB, 32GB
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16	- Slot 4: Gen3 x 16 link (share with Broadcom SAS 3616) - Slot 6: Gen3 x 16 link
Magazynowanie	
Kontroler SATA	- Intel® C621:12 x SATA3 (12 port from 3 mini SAS HD, 1x SATA DOM, 1 x M.2 (share with SATA DOM) 1x SATA 7pin
Additional Storage Controller	- NA
Ethernet	
Interfejs	- 100Base-T/1000Base-T/10GBase-T
Kontroler LAN	- 2 x 10GBase-T by Intel® X550-BT2 - 1 x RJ45 Dedicated IPMI LAN port by RTL8211E - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function - Supports PXE - LAN1 Supports NCSI
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 16MB
Tyłny panel I/O	
Port VGA	- 1(D-sub)
Port USB 3.0	- 2
Port Lan	- 2+ 1 x RJ45 Dedicated IPMI LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
UID Button/UID LED	- 1
Złącza wewnętrzne	
Port śledź COM	- 1
SATA DOM	- 1
M.2	- 1 (2230, 2242, 2260, up to 2280) from PCH (support PCIE x4 or SATA)
Slimline connector	- 1
Złącze panelu AUX	- 1(include chassis intrusion, location button & LED, front LAN LED)
Złącze TPM	- 1
Złącze IPMB	- 1
Złącze wentylatorów	- 1x CPU Fan (6-pin), 1 x Rear system Fan (6-pin), 4x Front system Fan (6-pin)
ATX Power	- 1x (24-pin) + 1x (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 1 (support 2 USB 3.0)
Złącze panelu USB 2.0	- 1 (support 2 USB 2.0)
Port USB 3.2 (Gen1) Type A	- 1
Głośnik	- 1
VROC KEY	- 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 - Card Side Temperature Sensing
Wentylator	- CPU/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Front Fan Multi-Speed Control
Napięcie	- Voltage Monitoring: CPU1,VCCMABC,VCCMDEF,,3v/5v/12v,1.05V_PCH,1.8V_PCH +BAT_3VSB_5VSB

Obsługiwane systemy

System operacyjny

Microsoft® Windows® (Server OS)

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

Linux

- Red Hat Enterprise Linux Server 6.8 (64 bit) / 7.4 (64 bit)
- CentOS 6.8 (64 bit) / 7.4 (64 bit)
- SUSE Enterprise Linux Server 11 SP4 (64 bit) / 12 SP3 (64 bit)
- FreeBSD 11.2 (64 bit)
- Ubuntu 16.04 (64 bit) / 15.10 (64 bit)

Virtual

- VMWare® ESXi 6.5 u1
- Citrix XenServer 7.5
- Win hyper-V Server 2016

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

*On Ubuntu 16.04 (64bit) system, Intel® Raid mode only supports UEFI BOOT.

*LSI does not support Vmware ESXi 6.5 u1 / Ubuntu 16.04 (64 Bit) / Ubuntu 15.10 (64 Bit) / Citrix XenServer 7.5 OS install.

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-epc621d6u-2t-1xskt-lga3647-intel-xeon-scalable-c621-6xdimm-sata-1xm2-2x10gbe-ipmi-p-4776.html>