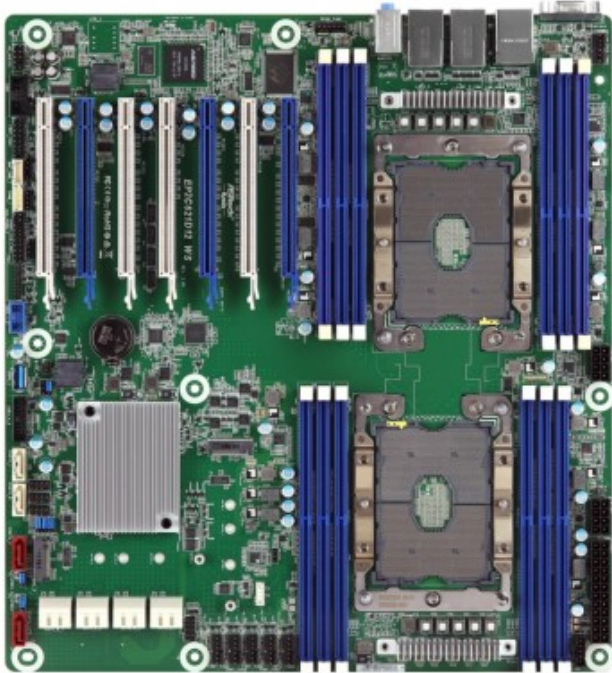


ASRock EP2C621D12 WS, 2xSKT LGA3647, Intel Xeon Scalable, C621, 12xDIMM, SATA, 2xM.2, 4xGbE, IPMI

Kod producenta: EP2C621D12 WS



Category	Server
Form Factor	EEB
Dimensions	12" x 13"
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
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	12
Max Memory Size	768
Integrated GPU	ASPEED AST2500
# of PCIe x16 3.0	5
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header) 2 x USB 2.0 (header)
# of SATA Ports	12
# of SATA DOM power	2
# of 1GbE Ports	4 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

EP2C621D12 WS

- EEB 12" x 13"
- Supports Dual Sockep P, 2nd Gen. Intel Xeon Scalable Processors / Intel Xeon Scalable Processors
- Supports DDR4 2666/2400/2133 R DIMM & LR DIMM, 12 x DIMM slots
- Supports 14 x SATA3 6.0 Gb/s by INTEL C621(including 2x SATA DOM ports and 2x M.2 ports)
- Supports 7x PCIe3.0x16 (PCIE1: x8, PCIE2/PCIE3/PCIE4/PCIE5: x16, PCIE6/PCIE7: x16/x0 or x8/x8)

Specyfikacja

Parametry płyty głównej	
Standard	- EEB
Wymiary	- 12" x 13" (30.5 cm x 33.0 cm)
Procesor	
CPU	- Supports 2 nd Gen. Intel® Xeon® Scalable Processors / Intel® Xeon® Scalable Processors
Socket	- Dual Socket LGA-3647
Chipset	- Intel C621
Pamięć operacyjna	
Pojemność	- 12 x 288-pin DDR4 DIMM slots - Support up to 64GB DDR4 R DIMM/LR DIMM/NVDIMM
Rodzaj	- 6 Channel memory technology - Support DDR4 R DIMM/LR DIMM /NVDIMM
DIMM Size Per DIMM	- R/LR DIMM: 32GB, 16GB, 8GB, 4GB - NVDIMM: 64GB, 32GB
DIMM Frequency	- R DIMM: 2666/2400/2133 MHz - LR DIMM: 2666/2400/2133 MHz - NVDIMM: 2666/2400/2133 MHz
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16	- SLOT1: Gen3 x16 link
	- SLOT3: Gen3 x16 link, auto switch to x8 link if SLOT4 is ccupied
	- SLOT5: Gen3 x16 link
	- SLOT6: Gen3 x16 link
	- SLOT7: Gen3 x16 link
PCIe 3.0 x 8	- SLOT2: Gen3 x8 link
	- SLOT4: Gen3 x8 link
M.2	- 2 (2230/2242/2260/2280, support PCIE(x4) or SATA3 M.2)
Magazynowanie	
Kontroler SATA	- Intel® C621: 14x SATA3 (including 2 SATA DOM ports and 2 M.2 ports) - M.2: 2 (M2_1: support PCIE(x4), from CPU1) & SATA3 6.0Gb/s, form factor: 2230, 2242, 2260, 2280), M2_2: support PCIE(x4) from PCH & SATA3 6.0 Gb/s form factor: 2230, 2242, 2260, 2280)
Ethernet	
Interfejs	- Gigabit LAN
Kontroler LAN	- 4 x RJ45 GLAN by Marvell 88E1543 (1000Mb/s)
	- 1 x RJ45 Dedicated IPMI LAN port
	- 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 (Intelligent Platform Management Interface) 2.0 with Ikmv and vMedia support
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 ALC892
Tylny panel I/O	
Port VGA	- 1 x D-Sub
Port USB 3.0	- 2
Port Lan	- 4+1(IPMI) RJ45 Gigabit Ethernet LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Audio	- 3
Złącza wewnętrzne	
Port śledź COM	- 1
SATA DOM	- 2 (SSATA)
M.2	- 2 (M2_1: support PCIE(x4), from CPU1) & SATA3 6.0Gb/s, form factor: 2230, 2242, 2260, 2280), M2_2: support PCIE(x4) from PCH & SATA3 6.0 Gb/s form factor: 2230, 2242, 2260, 2280)
Front Lan LED Connector	- 1
Złącze panelu AUX	- 1 (includes chassis intrusion, location button & LED, front LAN LED)
Złącze TPM	- 1
Złącze IPMB	- 1
Złącze VGA	- 1
Złącze wentylatorów	- 7 Fans(CPU1/CPU2/4Front/1Rear))
ATX Power	- 1 (24-pin) + 1 (8-pin) + 1 (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 1 (support 2 ports USB 3.0)
Złącze panelu USB 2.0	- 1 (support 2 USB 2.0)
Port USB 3.2 (Gen1) Type A	- 1
PWR SMB Header	- 1
NMI Header	- 1
Panel frontowy	- 1
Front Audio Panel	- 1
Głośnik	- 1(4pin)

BMC_SMB Header	- 1
SGPIO Header	- 1
SATA RAID KEY	- 1
ME/SPS Recovery	- 1
Clear CMOS	- 1
PSU SMB Header	- 1
Onboard LED	
Fan Fail LED	- 7 (only Fan Fail LED)
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® (Server OS) - Server 2012 R2 (64 bit) - Server 2016 (64 bit) - Microsoft® Windows® (Client OS) - Windows® 10 (64 bit) - Linux - RedHat 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) - Ubuntu 16.04 (64 bit) / 15.10 (64 bit) - FreeBSD 11.2 (64 bit) - Virtual - VMWare® ESXi 6.5 *Please refer to our website for the latest OS support list. *On Ubuntu 16.04 (64bit) system, Intel® Raid mode only supports UEFI BOOT.
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-ep2c621d12-ws-2xskt-lga3647-intel-xeon-scalable-c621-12xdimm-sata-2xm2-4xgbe-ipmi-p-4778.html>