

ASRock E3C252D4U-2T, 1xSKT LGA1200, Intel E-2300, C252, 4xDIMM, SATA, 1xM.2, 2x10GbE, IPMI

Kod producenta: E3C252D4U-2T



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1200 (Socket H5)
# of CPU sockets	1
Supported CPU's	Intel Xeon E-2300 Intel Pentium 10th Gen
Chipset	C252
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	3200 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	1
# of PCIe x4 4.0	1
# of USB Ports	4 x USB 3.2 (rear) 2x USB 3.2 (header) 2 x 2.0(header)
# of SATA Ports	6
# of SATA DOM power	1
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM SPI 13-pin Header

E3C252D4U-2T

- Micro-ATX (9.6" x 9.6")
- Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x16, 1 PCIe4.0 x4, 1 PCIe3.0 x1
- Supports 1 M.2 (PCIe3.0 x2 or SATA 6Gb/s)
- 6 SATA 6Gb/s
- 2 RJ45 (10GbE) by Intel® X710-AT2
- VGA, HDMI
- Remote Management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	Micro-ATX
Wymiary	9.6" x 9.6" (244 mm x244 mm)
Procesor	
CPU	Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
Socket	Single Socket H5 (LGA1200)
Chipset	Intel® C252
Pamięć operacyjna	
Pojemność	4 DIMM slots (2DPC)
Rodzaj	Supports DDR4 288-pin ECC/non-ECC UDIMM
DIMM Size Per DIMM	ECC/non-ECC UDIMM: up to 32GB
Max. DIMM Frequency	ECC/non-ECC UDIMM: max. 3200*MHz *Up to DDR4 2666MHz when installing 10th Gen Intel® Pentium® Series Processors
Napięcie	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT6: PCIe4.0* x16 [CPU] *When installing 10th Gen Intel® Pentium® Series Processors, SLOT6 supports PCIe3.0 only and SLOT4 will not function
PCIe x 4	SLOT4: PCIe4.0* x4 [CPU]
PCIe x 1	SLOT7: PCIe3.0 x1 [PCH]
Magazynowanie	
Kontroler SATA	Intel® C252 (6 SATA 6Gb/s; RAID 0/1/5/10): 5 SATA 7-pin, 1 SATA DOM or 1 M.2
M.2 slot	1 M-key* (PCIe3.0 x2 or SATA 6Gb/s); support 22110/2280/2260 form factor [PCH] *SATA0 will be disabled when M2_1 populated with SATA device
Ethernet	
Additional GbE Controller	Intel® X710-AT2: 2 RJ45 (10GbE)
Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler VRAM	ASPEED AST2500 DDR4 256MB
Tylny panel I/O	
Port VGA	1 DB15
Port USB 3.0	4 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE)
Port szeregowy	1 DB9

UID Button/UID LED	1 button w/ LED
Złącza wewnętrzne	
Power Connector	1 (24-pin, ATX main power), 1 (8-pin, ATX 12V)
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
Złącze TPM	1 (13-pin, SPI)
Złącze czujnika temperatury	1
Złącze IPMB	1
Złącze VGA	1
Brzęczyk	1
Złącze wentylatorów	7 (4-pin)
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
Złącze panelu USB 2.0	1 (9-pin, 2 USB2.0)
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1
BMC_SMB Header	1
SGPIO Header	1
Clear CMOS	1 (contact pads)
ME/SPS Recovery	1
Onboard LED	
Standby PWR LED 5vsb	1
Port 80 LED	1
Fan Fail LED	7
BMC heartbeat LED	1
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256 Mb (32MB) SPI Flash ROM
Cechy BIOS	Plug and Play, ACPI 6.2 compliance wake up events, SMBIOS 3.3, ASRock Rack instant flash
Hardware Monitor	
Temperatura	CPU, MB, Card side, TR1
Wentylator	Fan Tachomete, CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature), Multi-Speed Control

Napięcie	+12V, +5V, +3.3V, CPU Vcore, DRAM,V1.0M,+BAT, 3VSB, 5VSB
Obsługiwane systemy	
System operacyjny	Microsoft® Windows® : Server 2019 (64 bit) Server 2022 (64 bit)
	Linux : SUSE Enterprise Linux Server 15 SP2 (64 bit) Ubuntu 21.04 (64 bit)
	Hypervisor : VMWare® ESXi 7.0U2a / vSphere 7.0U2b
	*Supports UEFI BOOT only.
Środowisko	
Temperatura	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)

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-e3c252d4u-2t-1xskt-lga1200-intel-2300-c252-4xdimm-sata-1xm2-2x10gbe-ipmi-p-5779.html>