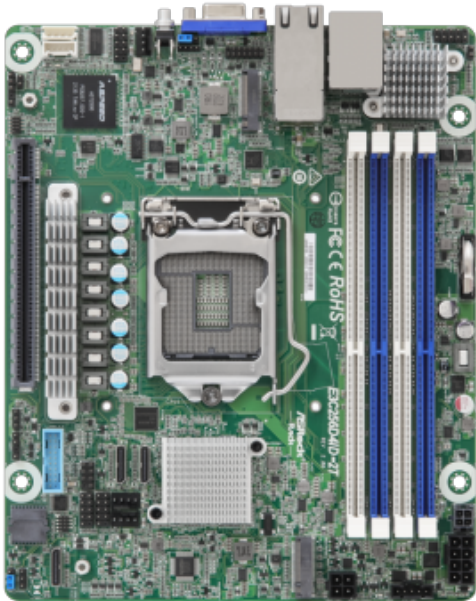


ASRock E3C256D4ID-2T, 1xSKT LGA1200, Intel E-2300, C256, 4xDIMM, SATA, 2xM.2, 2x10GbE, IPMI

Kod producenta: E3C256D4ID-2T



Category	Server
Form Factor	Deep mini-ITX
Dimensions	6.7" x 8.2"
CPU Socket	LGA 1200 (Socket H5)
# of CPU sockets	1
Supported CPU's	Intel Xeon E-2300 Intel Pentium 10th Gen
Chipset	C256
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 USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
Integrated RAID	0,1,5,10
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM SPI 13-pin Header

E3C256D4ID-2T

- Deep mini-ITX (6.7" x 8.2")
- Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
- 4 DIMM slots (2DPC), supports ECC/non-ECC UDIMM
- 1 PCIe4.0 x16
- 2 OCuLink (PCIe3.0 x4 or 4 SATA 6Gb/s), 1 OCuLink (PCIe3.0 x4)
- Supports 1 M.2 (PCIe4.0 x4), 1 M.2 (PCIe3.0 x4)
- 8 SATA 6Gb/s
- 2 RJ45 (10GbE) by Intel® X710-AT2
- Supports ATX PSU or 12V DC-in
- Remote Management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	Deep mini-ITX
Wymiary	6.7" x 8.2"
Procesor	
CPU	Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
Socket	Single Socket H5 (LGA1200)
Chipset	Intel® C256
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	SLOT7: PCIe4.0* x16 [CPU] *SLOT7 supports PCIe3.0 only when installing 10th Gen Intel® Pentium® Series Processors
Magazynowanie	
Kontroler SATA	Intel® C256 (8 SATA 6Gb/s; RAID 0/1/5/10): 2 OCuLink
OCuLink for U.2	2 OCuLink (PCIe3.0 x4 or 4 SATA 6Gb/s) [PCH] 1 OCuLink (PCIe3.0 x4) [PCH]
M.2 slot	1 M-key* (PCIe4.0 x4); support 2280 form factor [CPU] 1 M-key (PCIe3.0 x4); support 2280 form factor [PCH] *M.2 from CPU will not fuction when installing 10th Gen Intel® Pentium® Series Processors
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	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE)
Dedicate LAN	1 dedicated IPMI LAN port

UID Button/UID LED	1 button w/ LED
Złącza wewnętrzne	
Power Connector	1 (4-pin, ATX PSU signal) w/ ATX 24-pin adapter cable, 1 (8-pin, ATX 12V) support 12V DC-in
Port śledź COM	1
Złącze panelu AUX	1 (9-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate
Złącze TPM	1 (13-pin, SPI)
Złącze czujnika temperatury	1
Złącze IPMB	1
Złącze wentylatorów	3 (4-pin)
Other Power Connectors	1 (4-pin) for HDD power when using 12V DC-in power source
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
BMC_SMB Header	1
SGPIO Header	1
Clear CMOS	1 (contact pads)
NC-SI	1
Onboard LED	
Standby PWR LED 5vsb	1
Fan Fail LED	3
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,TR1 sensing
Wentylator	Fan Tachomete, CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature), Multi-Speed Control
Napięcie	VCORE,VCCSA,VCCM,VCCST_SFR, 3.3V, 5V, 12V, +1.05V_PCH_AUX,+BAT, 3VSB, 5VSB,VCCIO,+2.5V_VPP
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-e3c256d4id-2t-1xskt-lga1200-intel-2300-c256-4xdimm-sata-2xm2-2x10gbe-ipmi-p-5775.html>