

ASRock E3C246D4I-2T, 1xSKT LGA1151, Intel E-2000, C246, 4xDIMM, SATA, 1xM.2, 2x10GbE, IPMI

Kod producenta: E3C246D4I-2T



Category	Server
Form Factor	mini-ITX
Dimensions	6.7" x 6.7"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon W-2100 Intel Xeon W-2200
Chipset	C246
Memory Type	DDR4 ECC SODIMM DDR4 non-ECC SODIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 3.0	1
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 13-pin Header

E3C246D4I-2T

- Supports Intel Xeon E-2100 Processors
- Supports Dual channel DDR4 2666/2400/2133 ECC SO-DIMM max 128 GB
- Support 8x SATA3 by C246 (from 2 OCulink)
- Supports 1x PCIe 3.0 x16
- Integrated IPMI 2.0 with KVM and Dedicated LAN
- Supports Intel X550, 2 x10GLAN

Specyfikacja

Parametry płyty głównej

Standard	- mini-ITX
Wymiary	- 6.7" x 6.7" (17.02 cm x17.02 cm)

Procesor

CPU	- Supports Intel® Xeon® E-2100 Processors (Max. 95W)
Chipset	- Intel® C246
Pamięć operacyjna	
Pojemność	- 4 x DDR4 SO-DIMM slots
Rodzaj	- Dual Channel DDR4 memory technology, 2 DIMM per Channel - Supports DDR4 2666/2400/2133 ECC/non-ECC SO-DIMM Max. capacity of system memory:32GBx4
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16	- SLOT7: Gen3 x16 link
Magazynowanie	
Kontroler SATA	- C246: 8x SATA3 6Gb/s (SATA 0-3 by OCulink1, SATA 4-7 by Oculink2) + 1 x M.2 (NGFF 2280, PCI-E Gen3 x4 link or SATA signal)
Ethernet	
Interfejs	- 10000/1000 /100 /10 Mbps
Kontroler LAN	- 2 x RJ45 10GLAN by IntelX550 - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function(TBD) - Supports PXE
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 512Mb
Tylny panel I/O	
Port VGA	- 1 x D-Sub
Port USB 3.0	- 2
Port Lan	- RJ45:2 10GLAN+1(IPMI) LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
UID Button/UID LED	- 1
Złącza wewnętrzne	
M.2	- 1 x M.2 (NGFF 2280, PCI-E Gen3 x4 link or SATA signal)
OCuLink	- 2 ports (support SATA x4ports or PCIe x4)
Złącze panelu AUX	- 1 (include chassis intrusion, location button & LED, front LAN LED, event log LED)
TR1	- 1
Złącze TPM	- 1
Złącze IPMB	- 1
Brzęczyk	- N/A

Złącze wentylatorów	- 3(1CPU/1Front/1Rear)
ATX Power	- 1x (4-pin) + 1x (8-pin) support 12V DC-IN (DC-IN mode power budget is up to 432W)
Złącze panelu USB 3.2 (Gen2)	- 1 (support 2 USB 3.0)
PWR SMB Header	- 1
Panel frontowy	- 1 (RST, HDLED, PLED, PERBTN)
SATA Power Connector	- 1 x 4-pin
Głośnik	- N/A
SGPIO Header	- 2
COM from BMC	- 1
SMBUS from BMC	- 1
Clear CMOS	- 1
NC-SI	- 1
BIOS_PH	- 1
BMC_PH	- 1
Debug1	- 1
MFG_1	- 1
X550_DEBUG1	- 1
SEC_OR1	- 1

Onboard LED

Fan Fail LED - 3

BIOS

Rodzaj BIOS - 256Mb AMI UEFI Legal BIOS

Cechy BIOS

- Plug and Play (PnP)
- ACPI 2.0 Compliance Wake Up Events
- SMBIOS 2.8.0 Support
- ASRock Rack Instant Flash

Hardware Monitor

Temperatura

- CPU Temperature Sensing
- System Temperature Sensing
- System Inlet 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, VCCM, VCCIO, VCCSA, VCCST_SFR, V1.0M, 3VSB, 5VSB, VBAT

Obsługiwane systemy

System operacyjny	Microsoft® Windows® - Server 2016 (64 bit) - Server 2019 (64 bit) Linux - RedHat Enterprise Linux Server 6.10 (64 bit) / 7.7 (64 bit) - SUSE Enterprise Linux Server 12 SP4 (64 bit) / 15 SP1 (64 bit) - Ubuntu 18.04.4 (64 bit) Virtual - VMWare® ESXi 6.5 u3 - Win hyper-V Server 2016
-------------------	---

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-e3c246d4i-2t-1xskt-lga1151-intel-2000-c246-4xdimm-sata-1xm2-2x10gbe-ipmi-p-4773.html>