

AIC Storage Server EB202-CP, Rack 2U, UP, AMD Epyc 9004 Genoa, 4xU.2, Red. PSU, IPMI, 28" slide rail

Kod producenta: XP0-6821CP03



Chassis Form Factor	Rack 2U
CPU Socket	LGA 6096 (Socket SP5)
# of CPU sockets	1
Supported CPU's	AMD EPYC 9004
Memory Type	DDR5 ECC RDIMM
Memory Speed	4800
# of DIMM's	8
# of 2.5 NVMe bays	4
Power Supply	Redundant
PSU Wattage	1600 W
Rack Rails	included

Key Features

- Supports Gen4 U.2 form factor as Open Bay design
- Supports 4th Gen AMD EPYC™ Processors (Codename “Genoa”)
- Short-depth design for space-critical applications
- 3 PSU Options: single, redundant/single and DC input
- Supports up to 2 GPU cards
- Full drive removal with one lever
- Front-to-back airflow and easy swap redundant fans to provide optimal thermal conditions

Dimensions (W x D x H)

- mm : 438 x 558.8 x 87.2
- inches : 17 x 22 x 3.4

Motherboard

Code Name - Capella

Processor

Processor Support :
4th Gen AMD EPYC™ Processors (Codename “Genoa”)
CPU Interconnection: AMD Genoa 320/280W Top
Socket Type : SP5

Chipset Support

AMD Zen4 Genoa EPYC

System Memory

- DDR5 4800 MHz
- Total 8 memory slots

Front Panel

Power switch, Reset button, ID button, 2 x USB 2.0

LEDs

Front panel:

- Power status, HDD status, Lan LED, BMC Alert LED, ID LED

SSD status:

- Green light : running
- Flashing green light : reading
- Amber light : no function, customize
- Blue light : no function, customize

PSU:

- Constant bright green light : system running
- Red light : power has issue
- Flashing green light : has power but system does not turned on

Drive Bays

External :

- U.2 4-bay

Backplane

- 1 x 8-port U.2 backplane (option)

Expansion Slots (PCIe 5.0)

- 1 x PCIe Gen5 X16 slot (HHHL)
- 2 x PCIe Gen5 X8 slots (FHHL)
- 2 x PCIe Gen5 X16 slot double deck (FHFL)
- 1 x OCP 3.0 Mezz. PCIe Gen5 X16
- 2 x M.2 22110 PCIe Gen5 X4

System BIOS

BIOS Type :

AMI / SPI (Serial Peripheral Interface)

FLASH interface

BIOS Features :

- ACPI
- PXE
- IPMI KCS interface
- SMBIOS
- Serial console redirection
- SR-IOV
- CXL
- Secure Boot
- TPM
- PCIe Hotplug

On-board Devices

SATA :

2 x SATA3 7pin (support RAID 0/1) share with M.2 SATA3

IPMI :

IPMI 2.0 compatible BMC with iKVM support / AST2600 (eSPI)

Network Controllers :

- Broadcom BCM5720 for BMC shared NIC management and Data transfer
- Realtek RTL8211F GbE for BMC dedicate management port (NCSI shared NIC - reserved BCM5720)

Graphics :

1920X1200 32bpp@60Hz

Rear I/O

LAN:

1 x RJ45 for Dedicated BMC management

USB:

2 x USB 3.0 Type-A connectors

Serial Port:

1 x COM (for audio jack)

Display:

1 x Mini display port

Power Supply

1200W 1+1, 12V single power-in 3 PSU options:

- Training simulation - single PSU
- Edge applications - redundant/single
- Edge applications and vehicle - DC input

System Cooling

Low noise/low power fans, 4 x 6056 fans, supports fan redundancy, 2 x 4028 fans in back of EDSFF drive backplane

System Management

- Baseboard Management Controller
- Intelligent Platform Interface 2.0 (IPMI 2.0)
- iKVM, Media Redirection, IPMI over LAN, Serial over LAN
- SMASH Support

Environmental Specifications

- Storage temperature : -10°C(14°F) ~ 60°C(140°F)
- Operating temperature : 0°C(32°F) ~ 35°C(95°F)
- Storage operating humidity : 5%~95% non-condensing

** All specifications are subject to change without notice.*

Strona firmowa produktu:

<https://www.superstorage.pl/aic-storage-server-eb202-cp-rack-2u-up-amd-epyc-9004-genoa-4xu2-red-psu-ipmi-28-slide-rail-p-6004.html>