

iKERN-T072-B300-E1

Midi-Tower Industrial Workstation



Specifications

CPU

- AMD EPYC™ 7002/7003 Series (SP3 Socket):

7232P	7282	7402P	7502
8C/16T 3.2GHz	16C/32T 3.2GHz	24C/48T 3.35GHz	32C/64T 3.35GHz
72F3	7313P	7343	7443
8C/16T 4.1GHz	16C/32T 3.7GHz	16C/32T 3.9GHz	24C/48T 4.0GHz

Memory

- 8x 288-pin DIMM sockets
- Supports up to 2TB DDR4 3200 MHz, Registered, ECC

Chipset

- AMD SoC

Graphic

- Discrete Chip ASPEED AST2500 BMC
- Video ports: VGA
- VGA: resolution up to 1920x1200 @ 60Hz

Ethernet

- 2x Broadcom BCM5720 Gigabit Ethernet Controller
- 1x Realtek RTL8211F PHY for dedicated IPMI LAN

Storage / Drive Bays / Slots

- 3x 5.25"
- 4x 3.5"
- 2x 2280/22110 M.2 M-Key (PCIe x4 Gen4) Slot

RAID / SATA

- 8x SATA 3.0 (Optional RAID 0/1/5/10)

Expansion Slots

- 5x PCIe x16 Gen 4
- 2x PCIe x8 Gen 4
- 1x SlimSAS x8 (for 2xNVME)

Front I/O

- 2x USB 3.0

Rear I/O

- 1x VGA, 2x RJ45 LAN, 1x RJ45 IPMI LAN
- 4x USB 3.0 Type-A, 1x DB9 COM

Other Internal Connectors / Functions

- fTPM 2.0 (dTPM 2.0 Header)

Power Supply

- Power input: 500W, 100-240V AC 50~60 Hz, 80 Plus Gold

Cooling

- 1x 120mm PWM Fan (Rear)
- 1x 80mm PWM Fan (Front)

Mechanical

- Heavy Duty Steel
- Mounting: Desktop
- Power / Reset Button in front

Dimensions

- Dimension (W x H x D mm): 198 x 425 x 465 mm
- Weight: 13.3 kg

Environment

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 90%, non-condensing

Certifications

- CE

Operating System Support

- Windows Server Standard 2022
- Windows 10/11 Pro / Windows 10/11 IoT LTSC

Ordering Information

#iKERN-T072-B300-E1