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BCD

BCD-AI-SFF-4T-A45

BCD Small Form Factor AI Server

MINI BOX FOR RELIABLE PERFORMANCE AND AI COMPUTING

The BCD-AI-SFF-4T-A45 is equipped with 12th generation Intel® Core processor and up to a total of 64GB DDR4 3200MHz SO-DIMMs. This unit is small and compact, providing a space saving solution to fit in any small-scale AI application.

The BCD-AI-SFF-4T-A45 offers up to an 8TB Gen3 PCIe NVMe hard drive per slot, and is equipped with 3 internal M.2 expansion slots. The NUC utilizes 3200MHz DDR4 SO-DIMMs to maximize performance, multitasking and rendering capabilities.

KEY FEATURES

Intel® 12th Generation Core™ Processor

Windows or Linux

M.2 NVMe

3-Year Standard Warranty

20 Harmonize RMM Licenses

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SYSTEM

Operating System
Linux, Windows

Memory
32GB (2x 16GB), Up to 64GB

Processor(s)
(1) Intel® Core™ i7-12700
Performance cores: 8 cores, 16 threads, 4.9GHz Turbo
Efficient cores: 4 cores, 4 threads, 3.6GHz Turbo

Processor Passmark
Intel® Core™ i7-12700: 31140

Networking
(1) 10GbE LAN
(1) Intel 2.5Gb LAN (i225-LM) Intel WiFi 6E AX211 Bluetooth v5.2

External Ports
(2) USB 3.1, (1) USB 2.0
(2) Thunderbolt 4 (Alt-DP)
(7) USB 3.2 Gen2 Type-A
(1) USB 3.2 Gen2 Type-C
SDXC Slot with UHS-II support

Graphics
NVIDIA RTX A4500 GPU

MECHANICAL

Form Factor
Small form

Power Supply(s)
(1) 650W 80+ Gold internal power supply

Operating Temperature
(Min) 32°F - (Max) 95° F
(Min) 0°C - (Max) 35° C

Operating Humidity
90% (non-condensing)

Dimensions
14.1" x 7.4" x 4.7" (357mm x 189mm x 120mm)

Warranty
3-Year Warranty

STORAGE

Hard Drives
(1) 512GB M.2 (OS)
(1) 4TB M.2 (Storage)

Maximum AI Storage
Up to 4TB