BCDN01-NUC-C3-S512

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Entry Level Mini Box for Affordable and Reliable Performance

The BCDN01-NUC is powered by your choice of Intel® Core™ 3 100U or Intel® Core™ Ultra 5 225H processors, purpose-built for the AIdriven future of mission-critical surveillance.

Supporting up to 96GB DDR5-6400 memory and PCIe Gen5 NVMe SSD storage, this ultra-compact 0.48L unit handles demanding workloads with ease. Intel® Arc™ Graphics enable AI acceleration and multi-display output across up to four 4K screens, while Intel® vPro® (select SKUs) adds enterprise-grade security and remote management.

MIL-STD-810H certified and featuring a tool-less chassis, the BCDN01-NUC is built for reliable, flexible deployment in any environment. All appliances are built in-house in BCD's secure facilities, ISO 9001:2015 certified through DQS Inc.



KEY FEATURES

- Intel Core 3 Processor 100U or Intel Core Ultra 5 225H
- Up to 96GB DDR5 RAM
- Windows 11 LTSC/Linux
- Intel Graphics
- Intel Ethernet Controller I226-V, 2.5G
- Intel Wi-Fi 7 BE202, Bluetooth 5.4
- Dimensions: 117mm x 112mm x 54mm
- 3-year Standard Warranty
- Gen 4 & Gen 5 NVMe M.2 SSD Supported

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.888.305.4993

TECH SUPPORT: support@bcdinc.com

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SYSTEM

Operating System

Windows 11 IoT LTSC

Memory

Intel Core 3 100U - (1) 8GB DDR5 RAM

Intel Core Ultra 5 225H - (2) 8GB DDR5 RAM

Processor(s)

Intel Core 3 100U - 6 cores, 8 threads, up to 4.7 GHz

Intel Core Ultra 5 225H - 14 cores, 14 threads, up to 4.9 GHz

Processor Passmark

Intel Core 3 100U - 12,732

Intel Core Ultra 5 225H - 28,629

Networking

(1) 2.5GbE RJ45

Intel® Wi-Fi 7 BE201 (Gig+) + Bluetooth 5.4

USB Front I/O Ports

(1) USB 3.2 Gen2x2 Type-C /

(2) USB 3.2 Gen2 Type-A

USB Back I/O Ports

(1) USB 3.2 Gen 2 Type-A

(1) USB 2.0 Type-A

Video Outputs

(2) Thunderbolt 4 Type-C w/ DisplayPort 2.1 (1) HDMI 2.1 (TMDS Compatible)

MECHANICAL

Form Factor

Mini-PC/NUC

Power Supply(s)

(1) DC 12V - 90W Adapter

Operating Temperature

(Min) 32°F - 104° F

(Min) 0˚C - 40˚C

Operating Humidity

0%-92% non-condensing

Dimensions (WxDxH)

117mm x 112mm x 54mm (4.6 x 4.4 x 2.12)

Warranty

3-Year

STORAGE

Storage Slot

(Gen 4 & Gen 5) NVMe M.2 SSD Supported

Hard Drives Supported

PCIe NVMe

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