

# BCDN01-NUC

## Compact Powerhouse with MIL-STD-810H

### 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 AI-driven 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

-  **Cyber Hardened Video Appliance**
-  **Gen 4 & Gen 5 NVMe M.2 SSD Supported**
-  **Intel Core 3 100U or Intel Core Ultra 5 225H**
-  **Windows 11 IoT LTSC**
-  **3-Year Warranty**

 **harmonize Bridge**  
POWERED BY TIGER TECHNOLOGY

FOR MORE INFORMATION: [bcdvideo.com](https://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.888.305.4993

TECH SUPPORT: [support@bcdinc.com](mailto: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(s)

Front I/O Ports  
(1) USB 3.2 Gen2x2 Type-C /  
(2) USB 3.2 Gen2 Type-A

#### 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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