



## Main Features

- Intel® Core™ Ultra processor (Series 1)
- Support Intel® AMT technology
- 2 x DDR5 SO-DIMM, up to 96GB
- 2 x HDMI® 2.0 output, up to 4096x2160@60Hz
- 2 x Intel® LAN port
- 1 x USB 3.2 Gen 1x1, 3 x USB 2.0
- TPM 2.0 for security
- 1 x M.2 Key B 3052/2242 for an optional 5G/LTE module
- 1 x M.2 Key E 2230 for an optional Wi-Fi module
- 1 x M.2 Key M 2280 for an optional SSD
- Support DC +12V power input

## Product Overview

Digital transformation continues to advance. The NDiS B362 Duro Edge computer, powered by Intel® Core™ Ultra 7/5 processor with an integrated NPU for AI inference, offers optimized workloads across CPU, GPU, and NPU, resulting in up to 22.4 TOPS of AI computing power while maintaining energy efficiency.

Dual HDMI® 2.0 ports deliver exceptional visuals, and a variety of I/O interfaces support a wide range of AI applications. Designed to operate in extreme temperatures from -20°C to 60°C, the NDiS B362 is ideal for semi-outdoor applications such as self-service kiosks, smart beverage stations, smart recycling machines, and intelligent parking systems.

## Specifications

### Processor

- Intel® Core™ Ultra 7 processor 165U, PBP 15W
- Intel® Core™ Ultra 7 processor 155U, PBP 15W
- Intel® Core™ Ultra 5 processor 135U, PBP 15W
- Intel® Core™ Ultra 5 processor 125U, PBP 15W
- \* Only 165U/135U supports Intel® AMT

### Memory

- 2 x DDR5 5600 SO-DIMM, non-ECC, unbuffered, up to 96GB

### Integrated Graphics

- Intel® Graphics

### Display Interface

- 2 x HDMI® 2.0, up to 4096x2160@60Hz

### Storage

- 1 x M.2 Key M 2280 SSD (PCIe 3.0 x4, SATA 3.0)

### Expansion Slot

- 1 x M.2 Key E 2230
  - Support a Wi-Fi module
- 1 x M.2 Key B 3052/2242 (PCIe 3.0 x1, USB 3.2, USB 2.0)
  - Support a 5G/LTE module

### I/O Interface Front

- 1 x Line out
- 2 x COM port, supports RS-232/422/485
- 3 x Antenna hole

### I/O Interface Rear

- 1 x Power button with LED
- 2 x HDMI® 2.0, up to 4096x2160@60Hz
- 1 x 2.5GbE RJ45 port, Intel® I226
- 1 x GbE RJ45 port, Intel® I219
- 1 x USB 3.2 Gen 1x1, Type-A
- 3 x USB 2.0
- DC +12V power input

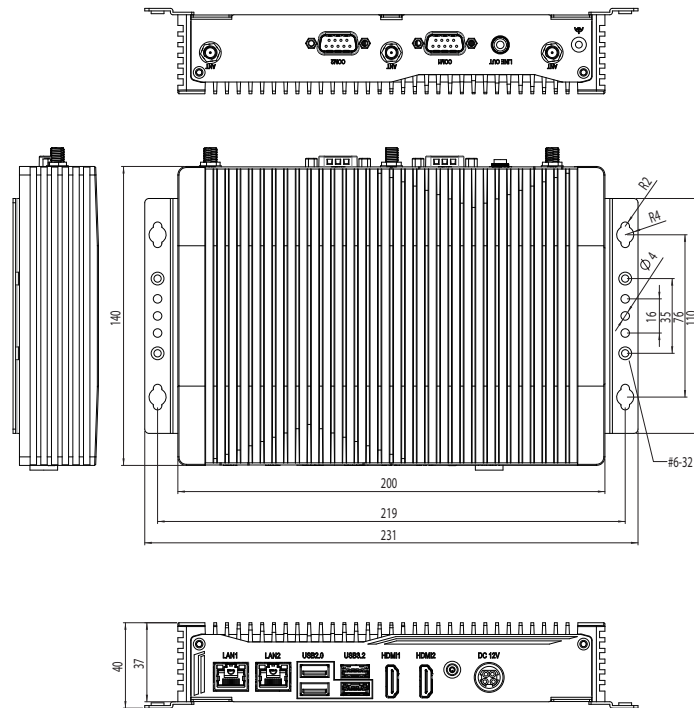
### I/O Interface Internal

- 2 x 6-pin header for 4 x USB 2.0 port
- 1 x 10-pin header for GPIO, 4 x DI, 4 x DO
- 1 x 4-pin header for 2W/4Ω speaker out
- 1 x 9-pin header for mic in and line out
- 1 x 2-pin header for reset

### Mechanical

- Dimensions: 200mm (W) x 140mm (D) x 37mm (H) w/o bracket
- Net Weight: 1.26 kg

## Dimension Drawing



### Package Information

- Dimensions: 300mm (W) x 270mm (D) x 205mm (H)
- Gross weight : 2.54kg (1 unit per carton)

### Power Supply

- Nominal voltage: DC +12V
- +12V, 96W AC/DC power adapter in carton

### Environment

- Operating temperature
  - Ambient with air flow: -20°C~55°C (Intel® Core™ Ultra 7 processor 165U & 155U)
  - Ambient with air flow: -20°C~60°C (Intel® Core™ Ultra 5 processor 135U & 125U)
- Storage temperature: -20°C~80°C
- Relative humidity: 0%~90% (non-condensing)
- Shock protection: 50G peak acceleration, 11ms according to IEC 60068-2-27
- Vibration protection
  - Random: 2Grms@5Hz~500Hz, IEC 60068-2-64
  - Sinusoidal: 2G@5Hz~500Hz, IEC 60068-2-6

### Operating System

- Windows 11
- Windows 10, 64bit
- Linux

### Certifications

- CE (EN 50035 + EN 50032)
- FCC Class A (Part 15B)
- LVD (EN 62368-1)

## Ordering Information

- **NDiS B362-125U (P/N:10W00B36204X0)**  
Fanless Duro Edge computer, Intel® Core™ Ultra 5 processor 125U
- **NDiS B362-165U (P/N:10W00B36202X0)**  
Fanless Duro Edge computer, Intel® Core™ Ultra 7 processor 165U
- **NDiS B362-155U (P/N:10W00B36200X0)**  
Fanless Duro Edge computer, Intel® Core™ Ultra 7 processor 155U
- **NDiS B362-135U (P/N:10W00B36203X0)**  
Fanless Duro Edge computer, Intel® Core™ Ultra 5 processor 135U