NDiS B361

Duro Edge Computer
Powered by Intel® Core™ i Processor





Main Features

- 13th Gen Intel® Core™ i processor
- 2 x DDR5 SO-DIMM, up to 96GB
- 2 x HDMI® 1.4 output, up to 4096x2160@30Hz
- 2 x Intel® LAN port
- 1 x USB 3.2 Gen 1, 3 x USB 2.0
- TPM 2.0 for security
- 1 x M.2 Key B 2242/3052 (PCIe 3.0 x1, USB 3.0, USB 2.0) connector for LTE/5G module
- 1 x M.2 Key E 2230 (PCIe 3.0 x1/USB 2.0) connector for Wi-Fi module
- 1 x M.2 Key M 2280, supports NVME, PCIe Gen 3 x4 & SATA signal
- Support 12V to 24V DC power input

Product Overview

Powered by the 13th Gen Intel® Core™ i processor, the NDiS B361 is a new Duro Edge computing system capable of handling rich multimedia content. With built-in CEC and EDID capabilities, the monitors can be remotely controlled via the NDiS B361. The NDiS B361 emulates EDID across two independent HDMI® 1.4 displays, ensuring accurate detection of resolution and refresh rate for seamless integration. Supporting resolutions of up to 4096 x 2160 at 30Hz, it provides a crystal-clear and consistent viewing experience, making it ideal for industrial and professional applications. The CEC function also allows you to control HDMI® devices through a single remote.

The NDiS B361 is a slim-type fanless embedded system with extended temperature durability, making it suitable for other semi outdoor usage in locations such as QSR drive through kiosks, information stands, bus stops, or digital transit information signs.

Specifications

System

- Intel® Core™ i7-1365UE processor (embedded), 15W (AMT)
- Intel® Core™ i5-1345UE processor (embedded), 15W (AMT)
- Intel® Core™ i5-1335UE processor (embedded), 15W
- Intel® Core™ i3-1315UE processor (embedded), 15W

Main Memory

- 2 x DDR5 5200 SO-DIMM, non-ECC, unbuffered, up to 96GB

Graphic & Display

- Intel® Iris® Xᵉ Graphics and Intel® UHD Graphics
- 2 x HDMI® 1.4, up to 4096x2160@30Hz
- EDID support: Emulation capability across 2 discrete HDMI® 1.4 outputs
- CEC support: Control HDMI® devices with a single remote via HDMI® port 1

Storage device

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

Expansion

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

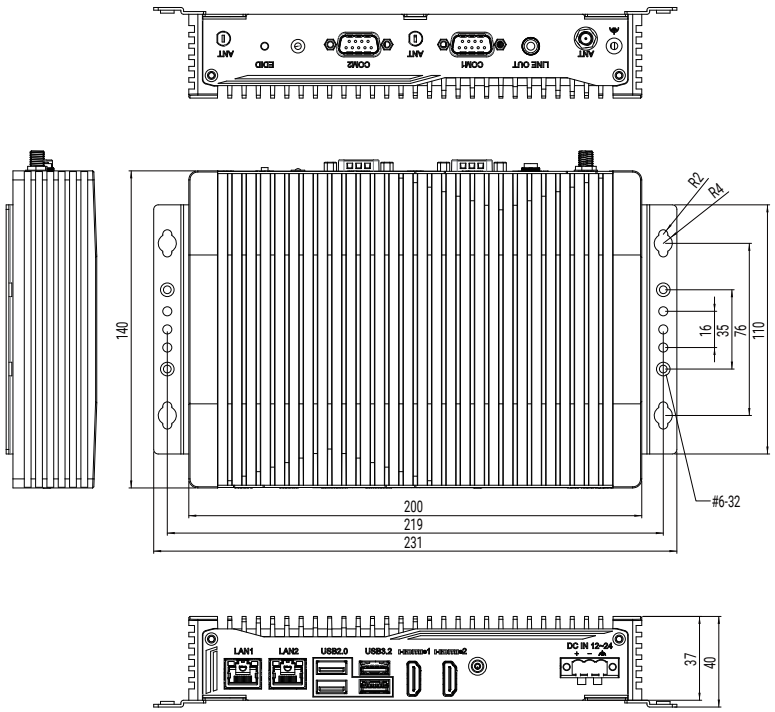
I/O Interface-Front

- 1 x Line out
- 2 x COM Port, supports RS-232/422/485
- 3 x Antenna hole
- 1 x EDID button and LED light

I/O Interface-Rear

- 1 x Power button with LED
- 2 x HDMI® 1.4, up to 4096x2160@30Hz
- 1 x 2.5GbE RJ45 port, Intel® I226
- 1 x GbE RJ45 port, Intel® I219
- 1 x USB 3.2 Gen 1, Type-A
- 3 x USB 2.0
- 12V to 24V DC in

Dimension Drawing



I/O Interface-Internal

- 2 x 6-pin header for 4 x USB 2.0 port
- 2 x 9-pin header for COM port RS-232 (Reserved)
- 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 supports Mic in and Line out
- 1 x 2-pin header for reset

Dimension & Weight

- System unit
  - Dimensions: 200mm (W) x 140mm (D) x 37mm (H) w/o bracket
  - Net weight: 1.49kg per unit
- Package information
  - Dimensions: 300mm (W) x 270mm (D) x 205mm (H)
  - Gross weight: 2.75kg (1 unit per carton)

Power Supply

- DC 12V to 24V input, power adapter not included in accessory

Environment

- Operating temperature
  - Ambient with air flow: -20°C~60°C
  - 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 Approval (EN 50035 + EN 50032)
- FCC Class A (Part 15B)
- LVD (EN 62368-1)

Ordering Information

- **NDiS B361-i7 (P/N:10W00B36101X0)**

  Duro Edge Computer, 13th Gen Intel® Core™ i7-1365UE Processor
- **NDiS B361-i5 (P/N:10W00B36102X0)**

  Duro Edge Computer, 13th Gen Intel® Core™ i5-1345UE Processor
- **NDiS B361 (P/N:10W00B36103X0)**

  Duro Edge Computer, 13th Gen Intel® Core™ i5-1335UE Processor
- **NDiS B361-i3 (P/N:10W00B36100X0)**

  Duro Edge Computer, 13th Gen Intel® Core™ i3-1315UE Processor

We reserve the right to change specifications and product descriptions at any time without prior notice.