NDiS B561S

Duro Edge Computer
Powered by 14/13/12th Gen Intel® Core™ i Processor





Main Features

- Support 14/13/12th Gen Intel® Core™ i7/i5/i3 processor
- Intel® PCH H610E
- Support up to Intel® UHD Graphics 770
- Support 2 independent 4K@60Hz display outputs
- Operating temperature: 0°C~50°C
- 2 x HDMI® 2.0
- 2 x USB 3.2, 4 x USB 2.0
- 1 x RS-232/422/485, 3 x RS-232
- 1 x 1GbE LAN, 1 x 2.5G GbE LAN
- 3 x M.2 Key B/E/M

Product Overview

Powered by the 14/13/12th Gen Intel® Core™ i processor, Intel® UHD Graphics 770 series and the Intel® PCH H610E chipset, the NDiS B561S fanless Duro Edge computer can handle demanding multimedia content. With two independent 4K/2K display outputs and rich connectivity options, including six USB ports, two LAN ports, and support for Wi-Fi 6E and 4G/5G, the NDiS B561S meets diverse customer requirements. It is suitable for indoor and various applications, including self-service kiosks, vending machines, hospitality, public transportation information systems, ticketing machines, gateways, healthcare equipment, and AI-powered access management systems.

Specifications

Processor

- 14th Gen Intel® Core™ i processor
  - Intel® Core™ i7 processor 14700T, PBP 35W
  - Intel® Core™ i5 processor 14500T, PBP 35W
  - Intel® Core™ i3 processor 14100T, PBP 35W
- 13th Gen Intel® Core™ i processor
  - Intel® Core™ i7-13700TE processor, PBP 35W
  - Intel® Core™ i5-13500TE processor, PBP 35W
  - Intel® Core™ i3-13100TE processor, PBP 35W
- 12th Gen Intel® Core™ i processor
  - Intel® Core™ i7-12700TE processor, PBP 35W
  - Intel® Core™ i5-12500TE processor, PBP 35W
  - Intel® Core™ i3-12100TE processor, PBP 35W

Chipset

- Intel® PCH H610E

Integrated Graphics

- Intel® UHD Graphics 770

Memory

- 2 x DDR5 4800 SO-DIMM, non-ECC, un-buffered, up to 64GB, 32GB per DIMM

Storage

- 1 x M.2 Key M 2280 (PCIe x4), top side
- 1 x M.2 Key M 2280 (SATA), bottom side

Expansion Slot

- 1 x M.2 Key E 2230 (PCIe x2, USB), supports an optional Wi-Fi module
- 1 x M.2 Key B 3042/3052 (PCIe x1, USB 3.2), supports an optional 4G/5G module
- 1 x SIM slot

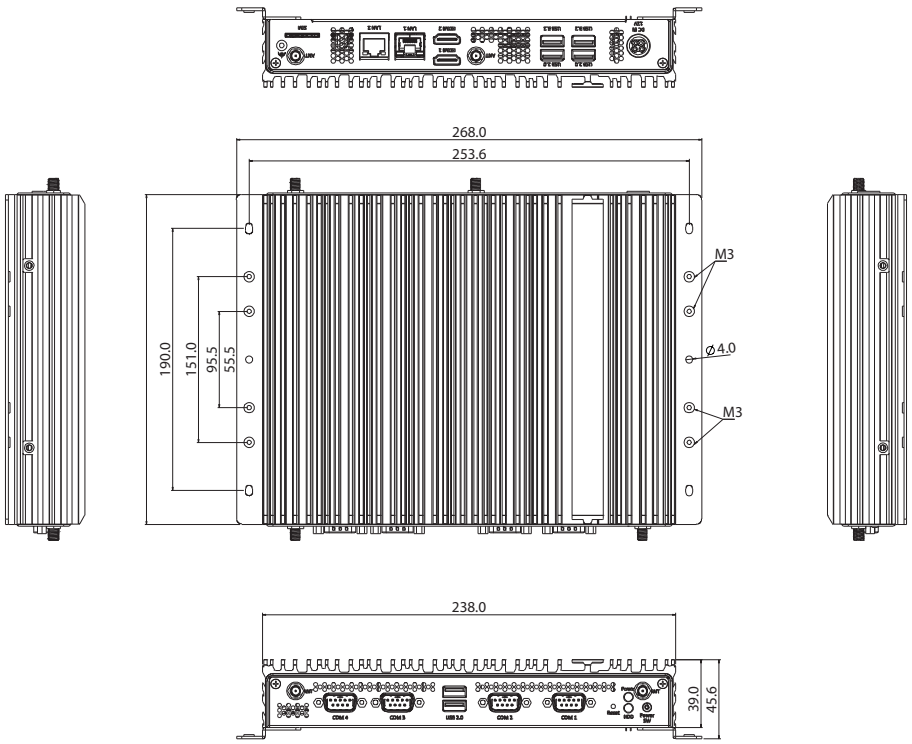
I/O Interface Front

- 1 x Power button
- 1 x Power LED, 1 x HDD LED
- 1 x Reset button
- 2 x USB 2.0
- 4 x COM port (DB9)
  - COM1: RS-232/422/485
  - COM2~COM4: RS-232
- 2 x Antenna hole

I/O Interface Rear

- DC +12V power input
- 2 x HDMI® 2.0, supports 4K@60Hz

Dimension Drawing



- 2 x USB 3.2, 2 x USB 2.0
- 1 x 1GbE RJ45 port, Intel® I219-LM
- 1 x 2.5GbE RJ45 port, Intel® I226V
- 1 x SIM slot
- 2 x Antenna hole

I/O Interface Internal

- 1 x GPIO, supports 4 x GPI and 4 x GPO

Environment

- Temperature:
  - Ambient with 0.7 m/s air flow: 0°C~50°C
  - Storage temperature: -20°C~80°C
- Humidity: 10%~95% (non-condensing)

Power Supply

- 1 x External 120W AC/DC power adapter
  - Input: AC 100V~240V
  - Output: DC +12V

Mechanical

- Dimensions: 238mm (W) x 190mm (D) x 39mm (H) w/o bracket
- Net weight: 2.6kg

Package Information

- Dimensions: 420mm (W) x 275mm (D) x 127mm (H)
- Gross weight: 3.9kg (1 unit per carton)

Certification

- CE Approval (EN 55032/55035)
- FCC Class A (Part 15B)

Operating System

- Windows 11
- Windows 10, 64-bit
- Linux

Ordering Information

- **NDiS B561S (P/N: 10W00B56100X0)**

  Fanless Duro Edge computer, 14/13/12th Gen Intel® Core™ i processor, Intel® H610E chipset

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