NDiS B560S

Main Features

- Support 9th and 8th Gen Intel® Core™ i7/i5/i3 LGA socket type embedded processor, up to 35W
- Intel® H310
- Intel® integrated UHD 630 graphic engine
- Support 2 independent 4K2K 60Hz display output
- Compact and slim design (H: 39mm)

- Support 1 x 2.5" SATA HDD
- 3 x HDMI 2.0, 4 x USB 3.0, 2 x USB 2.0, 2 x GbE LAN, 4 x COM, 1 x Line-out, 1 x Mic-in
- Support M.2 Key B/E/M
- Fanless design

Product Overview

Powered by the 9th and 8th generation Intel® Core™ processor series and Intel® 300 Series chipset integrated graphics controller, the NDiS B560S fanless embedded player can handle powerful multimedia content, with three 4K2K independent display output and rich connectives including Wi-Fi and 4G, 5G support, the NDiS B560S can fully satisfy customer's expectation and therefore be used in both in-door and out-door applications such as DOOH, hospitality, brand promotion, digital menu board, outdoor bus station, and even smart stadium.

Specifications

CPU Support

- 9th and 8th Gen Intel® Core™ i7/i5/i3 LGA socket type processor, up to 35W
  - Core™ i7-9700TE, 8 Core, 1.8GHz, 12M Cache
  - Core™ i5-9500TE, 6 Core, 2.2GHz, 9M Cache
  - Core™ i3-9100TE, 4 Core, 2.2GHz, 6M Cache
  - Core™ i7-8700T, 6 Core, 2.4GHz, 12M Cache
  - Core™ i5-8500T, 6 Core, 2.1GHz, 9M Cache
  - Core™ i3-8100T, 4 Core, 3.1GHz, 6M Cache

Chipset

- Intel® PCH H310

Graphics

- Intel® UHD graphics 630 series

Main Memory

- 2 x 260-pin SO-DIMM sockets, support DDR4 2666 MHz non-ECC, un-buffered memory up to 32G (single socket max. 16GB)

I/O Interface-Front

- 1 x Power button with LED
- 1 x Power LED, 1 x HDD LED
- 1 x Reset switch
- 2 x USB 2.0
- 4 x DB9 for COM1~ COM4
  - COM1: RS-232/422/485

  - COM2~4: RS232
- 2 x Antenna hole

I/O Interface-Rear

- +12V DC-in
- 3 x HDMI 2.0
- 4 x USB 3.0
- 2 x RJ45 with LED for 10/100/1000Mbs
- 2 x Antenna hole

Ethernet

- 1 x Mic-in, 1 x Line-out
- 2 x Antenna hole

I/O Interface-Internal

- 8CH GPIO support 4 x GPO and 4 x GPI
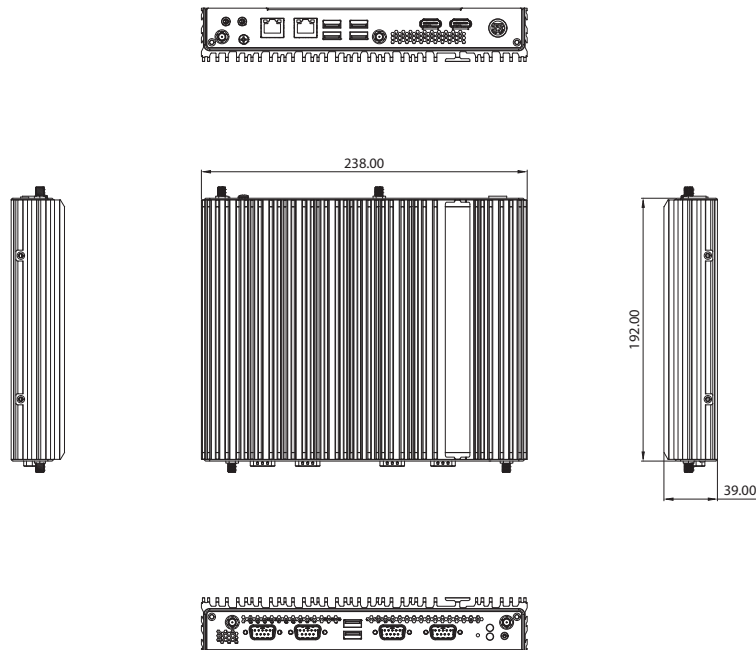- Onboard TPM 2.0 (by request)

Storage

- 1 x SATA 2.5" HDD/SSD
- 1 x M.2 2280 (SATA)/2242 (by request) Key M socket

Expansion

- 1 x M.2 2230 Key E (PCIe x2), support optional Wi-Fi modules
- 1 x M.2 3042/3052 Key B (PCIe x1, USB 2.0), support optional 3G, 4G or 5G modules
- 1 x SIM slot

Dimension Drawing

238.00

192.00

39.00

Power Supply
• 1 x External 96W AC/DC power adapter
• Input: 100VAC to 240VAC
• Output: DC+12VDC

Environment
• Operating temperature: 0°C to 40°C
• Storage temperature: -20°C to 80°C
• Humidity: 10 to 90% (non-condensing)

Certification
• CE Approval
• FCC Class A

Dimensions
• 238mm (W) x 192mm (D) x 39mm (H)

Operating System Support
• Win10/Linux

Ordering Information

• **NDiS B560S (P/N: 10W00B56002X0)**
9th and 8th Gen Intel® Core™ processor (up to 35W) slim and fanless system Intel® H310 chipset

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