



Main Features

- Support 9th and 8th Gen Intel® Core™ i7/i5/i3 processor
- Intel® PCH H310
- Intel® integrated UHD 630 graphic engine
- Support 2 independent 4K@ 60Hz display output
- Compact and slim / fanless design (H: 39mm)
- 2 x HDMI 2.0, 2 x GbE LAN, 1 x Line-out, 1 x Mic-in
- 4 x USB3.0, 2 x USB2.0,
- 1 x RS-232/422/485, 3 x RS232
- 3 x M.2 socket Key B/E/M
- Support 1 x 2.5" SATA HDD Space

Product Overview

Powered by the 9th and 8th generation Intel® Core™ processor series and Intel® 300 Series chipset integrated graphics controller, the NDiS B560S-H fanless embedded system can handle powerful multimedia content, with three 4K2K independent display output and rich connectives including Wi-Fi and 4G, 5G support, the NDiS B560S-H can fully satisfy customer's expectation and therefore be used in-door such as self-service KIOSK, information KIOSK, hospitality and brand promotion.

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
- 4 x DB9 for COM1~ COM4
 - COM1: RS-232/422/485
 - COM2~4: RS232
- 2 x Antenna hole

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, unbuffered 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

I/O Interface-Rear

- +12V DC-in
- 2 x HDMI 2.0
- 4 x USB 3.0
- 1 x Intel® I219-LM GbE LAN port
- 1 x Intel® I226V 2.5G Ethernet LAN port
- 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

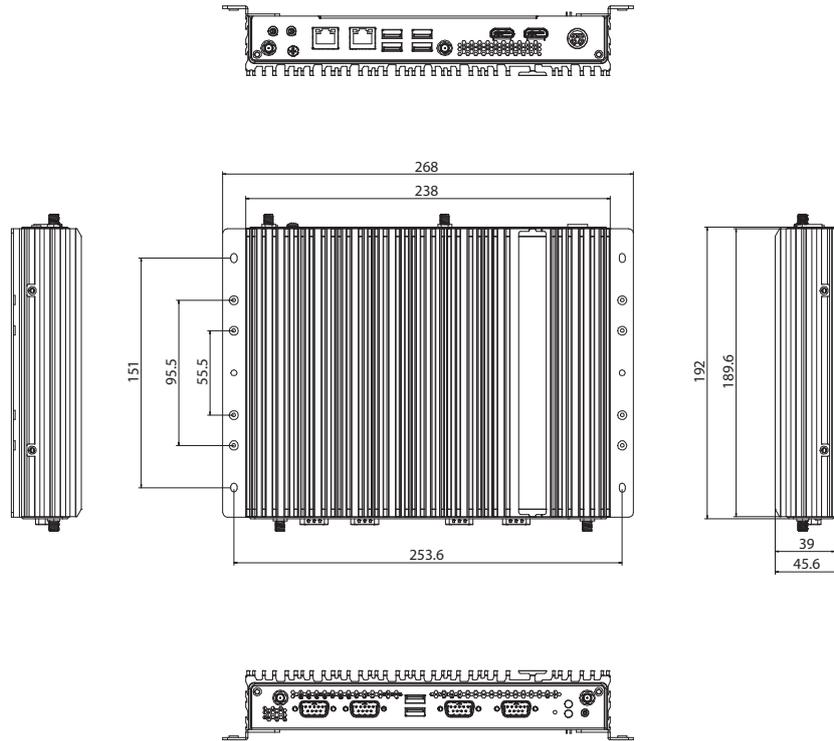
Storage

- 1 x SATA 2.5" HDD/SSD storage space
- 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 Key B (PCIe x1, USB 2.0), support optional 3G, 4G modules
- 1 x SIM slot

Dimension Drawing



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 ambient with 0.7m/s air flow
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 95% (non-condensing)

Certification

- CE Approval (EN55032/55035)
- FCC Class A (Part 15B)

Dimensions

- 238mm (W) x 192mm (D) x 39mm (H) w/o bracket

Operating System Support

- Win10/11/Linux

Package Information

- 1 pc/carton
- G.W: 4kgs
- Dimension: 420 x 275 x 127mm

Ordering Information

• NDiS B560S-H (P/N: 10W00B56008X0)

9th and 8th Gen Intel® Core™ processor (up to 35W) slim and fanless system Intel® H310 chipset