NDiS B338

Main Features

- Intel® Celeron® J6412 processor
- Support 3 x HDMI 2.0 output
- Support 12V~24V DC input
- Compact and slim design (H: 38.8mm)
- 2 x DDR4 up to 32G

- 1 x M.2 2280 Key M for optional storage device
- 1 x M.2 3042/3052 Key B for optional LTE or 5G modules
- 1 x mini-PCIe for optional Wi-Fi and LTE
- Fanless design

Product Overview

Powered by Intel® Celeron® processor, the NDiS B338 fanless embedded player can handle 3 independence display output. The NDiS B338 supports HDMI display, USB 3.0 ports, and a RS232/RS422/RS485 interface, is an ideal embedded player to optimize information visualization, convey brand messages, customer engagement, and smart retail management efficiencies to increase in-store traffic and sales. Also could be applicate as gateway for smart city.

The NDiS B338 is a slim/fanless player with extended temperature durability further extends to outdoor usage like QSR drive through kiosks, box office displays, information stands, bus stops, or digital transit information signs. It is also ideal as a digital signage player delivering enhanced performance and new immersive experiences for advertising, hospitality and brand promotion applications.

Specifications

CPU Support
- Intel® Celeron® J6412 processor, 10W

Graphic
- Intel® UHD graphics

Main Memory
- 2 x 260-pin SO-DIMM sockets, supports DDR4 3200MT/s MHz, Non ECC, un-buffered memory up to 32G (single socket max. 16GB)

I/O Interface-Front
- Power button with LED
- 4 x COM port
  - COM1: RS232/422/485
  - COM2~COM4: RS232
- 4 x Antenna holes

I/O Interface-Rear
- 3 x HDMI 2.0
- 1 x RJ45 Gigabit LAN with LEDs
- 1 x RJ45 2.5 Gigabit LAN with LEDs
- 1 x USB 3.1
- 5 x USB 2.0
- 1 x Mic in

- 1 x Line out
- 12V~24V DC input

Internal I/O
- 8 x GPIO (4 x GPI, 4 x GPO)
- TPM 2.0 onboard
- 1 x USB 2.0 pin header
- 1 x Speaker-out pin header with 2.5W/8Ω amplifier

Expansion
- 1 x M.2 3042/3052 Key B (USB 3.2, USB 2.0) for optional LTE or 5G modules
- 1 x mini-PCIe slot (USB 2.0, PCIe x1, SATA) for optional Wi-Fi and LTE
- 1 x SIM slot

Storage
- 1 x M.2 2280 Key M (PCIe Gen3 x4) for optional storage modules

Power Supply
- 1 x External 60W AC/DC power adapter
- Input: 100VAC to 240VAC
- Output: DC+12VDC

Environment
- Operating temperature: -20°C to 60°C

Dimension Drawing
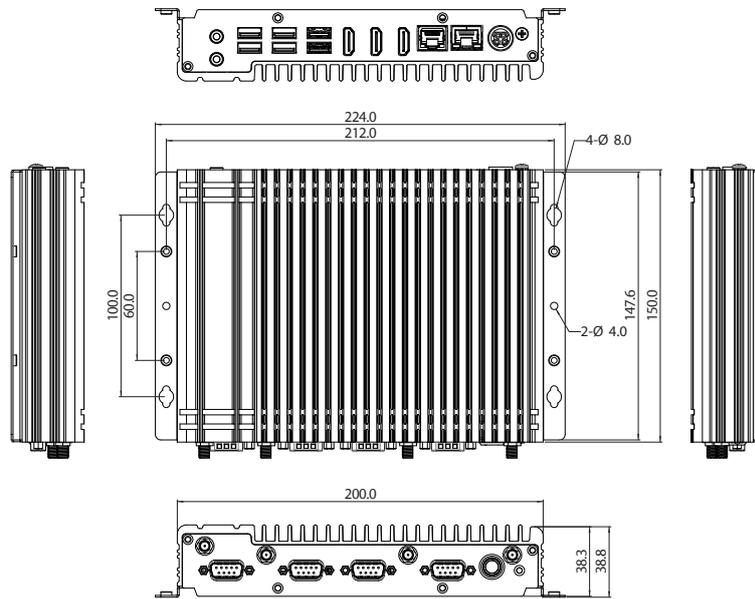
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 95% (non-condensing)

Dimensions
- 224mm (W) x 150mm (D) x 38.8mm (H) (with wall mount bracket)

Certifications
- CE (EN55035 + EN55032)
- FCC Class A (EMI Part 15B)
- LVD (EN62368-1)

Operating System
- Win10

Ordering Information

- **NDiS B338 (P/N: 10W00B33800X0)**
  Intel® Celeron® J6412 processor slim and fanless system

NEXCOM

Box Player

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

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