NDiS M538

Main Features

- 8th Generation Intel® Core™ i processor
- Support socket type CPU up to 35W
- Intel® UHD 630 graphic engine
- Support 3 independent 4K2K video output

- Dual DDR4 SO-DIMM support
- Support M.2 storage and Wi-Fi module
- Onboard TPM 2.0
- Compliant to Intel® vPro™ and Intel® Active Management Technology

Product Overview

NDiS M538 is an OPS-compliant media player powered by 8th generation Intel® Core™ processors. Following open pluggable standard, NDiS M538 can perfectly fit into a myriad of OPS-panels and is compact in size. Yet, NDiS M538 has high scalability, allowing for easy storage capacity expansion M.2 M Key storage and effortless functional extension through M.2 E Key modules. Changing system memory is also made simple. In addition, NDiS M538 leverages the future generation Intel® Core™ processors to deliver outstanding graphics support 3 independent 4K2K video output. The superb but power-efficent NDiS M538 can therefore maximize visual impacts for digital signage applications.

Specifications

CPU Support
- 8th Gen Intel® Core™-i socket type processor
  - Intel® Core™ i7-8700T 2.40GHz, 6 Core 35W
  - Intel® Core™ i5-8500T 2.10 GHz 6 Core 35W
  - Intel® Core™ i3-8100T 3.10 GHz 4 Core 35W

Chipset
- Intel® Q370 PCH

Graphic
- Intel® HD Graphics 630 series

Main Memory
- 2 x 260-pin SO-DIMM sockets, supports DDR4 1866/2133 MHz Non ECC, un-buffered memory up to 32G (single socket max. 16GB)

I/O Interface-Front
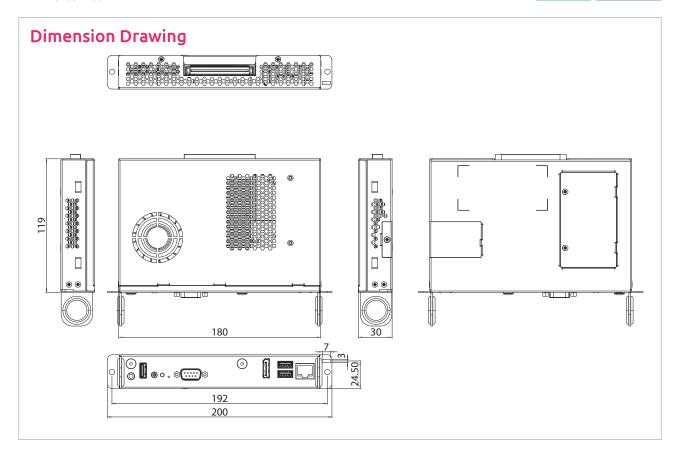- 1 x Power button with LED
- 1 x Reset button
- 1 x DP connector for DisplayPort++

- 1 x RJ45 with LEDs for Gigabit LAN
- 2 x USB 3.0
- 1 x USB 2.0
- 1 x COM port (COM2)
- 1 x Audio line out
- 2 x Antenna
- Onboard TPM 2.0 IC
- Compliant to Intel® vPro™ and Intel® Active Management Technology

I/O Interface-Rear (TX25)
- 1 x HDMI 2.0a supporting 4K2K resolution
- 1 x DisplayPort 1.2 supporting 4K2K resolution
- 1 x UART TX, RX 3.3V TTL (COM 1)
- 1 x Audio Line out R/L
- 3 x USB 2.0
- 1 x USB 3.1
- 1 x COM port (COM2)
- 1 x Audio Line out
- Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Dimension Drawing

Storage
+ 1 x M.2 2280 M Key, support SATA 3.0/PCIe Gen 3 signal

Expansion
+ 1 x M.2 2230 E Key, support PCIe/USB 2.0 Wi-Fi module

Dimensions
+ 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

Power Power Supply
+ DC power input +12V~+19V

Environment
+ Operating temperature: 0°C to 45°C
+ Storage temperature: -20°C to 80°C
+ Humidity: 95% (non-condensing)

Certification
+ CE/FCC Class A

Operating System
+ Win10 (64-bit)

Ordering Information

+ **NDiS M538 (P/N: 10W00M53800X0)**
  8th Generation Intel® Core™ socket type processor OPS, Intel® Q370 chipset

NEXCOM

OPS Module

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

Last update: 04/22/2020