



## 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 Key M storage and effortless functional extension through M.2 Key E 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-efficient 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 2400/2666 MHz Non ECC, un-buffered memory up to 32G (single socket max. 16GB)

### I/O Interface-Front

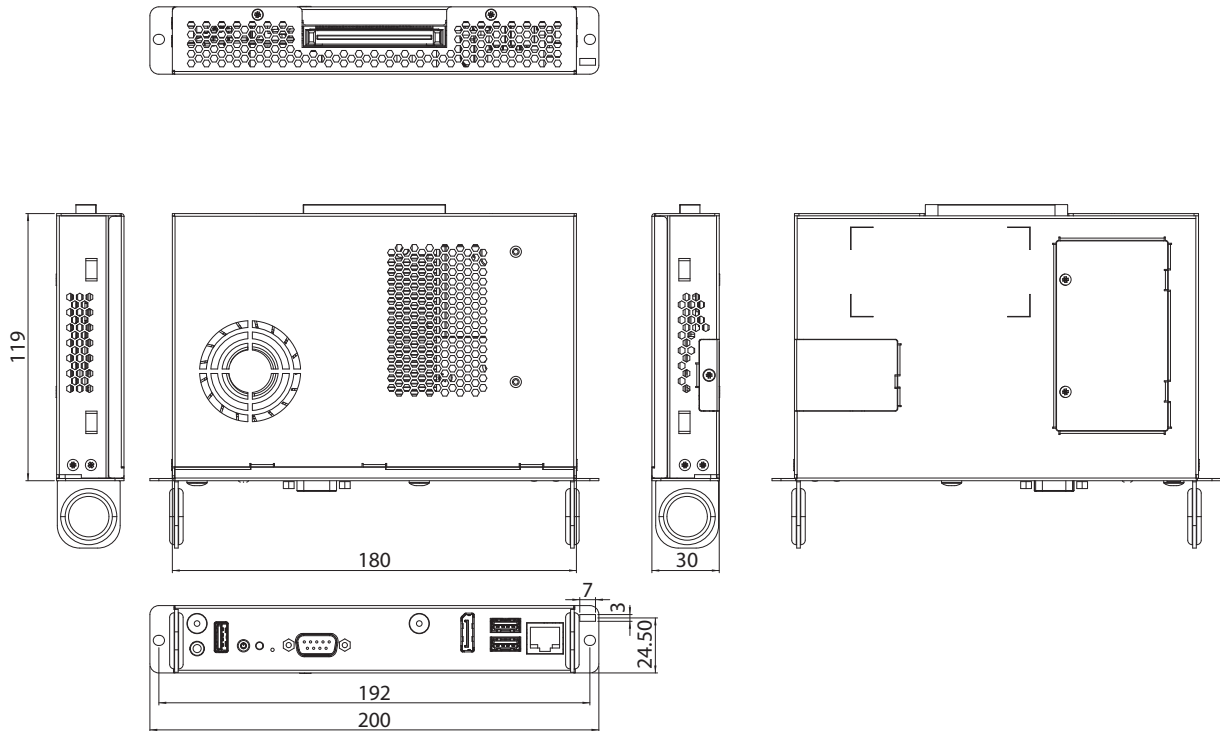
- ♦ 1 x Power button with LED
- ♦ 1 x Reset button
- ♦ 1 x DP connector for DisplayPort++

- ♦ 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 Key M, support SATA 3.0/PCIe Gen 3 signal

### Expansion

- 1 x M.2 2230 Key E, 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

Last update: 12/15/2020