

NDiS M323

Embedded Computer Powered by Intel® Celeron® Processor J1900
Based OPS Digital Signage Platform, Support Remote Management



Main Features

- ♦ Intel® Celeron™ Processor J1900
- ♦ Integrated Intel® Gen. 7 graphics
- ♦ Dual SO-DIMM slots for up to 8GB of DDR3L 1333 memory
- ♦ WWAN/ WLAN/ TV tuner support
- ♦ Remote management
- ♦ Comply with Open Pluggable Specification

Product Overview

NDiS M323 is based on Intel® Celeron® Processor J1900 (formerly codenamed "Bay Trail") and follows the electrical and mechanical specifications of the Open Pluggable Specification. NDiS M323 can be plugged into any OPS-complaint display devices to render rich multimedia contents. Thanks to the modular and cable-less, NDiS M323 satisfies the need for quick deployment and hassle-free maintenance of large digital signage network dispersed in different geographical locations. NDiS M323 is powered by the Intel® Celeron® Processor J1900. The digital signage player has an integrated Intel Gen.7 graphic engine and supports Microsoft DirectX 11. Taking advantage of the latest Intel technology, NDiS M323 can accelerate, 3D rendering, image processing and video decoding to provide highly personalized information base on the result of audience measurement to deliver accurate marketing message to target audience.

Specifications

CPU Support

- ♦ Intel® Celeron® Processor J1900 Quad Core 2.0GHz SoC processor

Graphic

- ♦ Integrated Intel® Gen. 7 graphics

Main Memory

- ♦ 2 x 204 pin SO-DIMM socket, support DDR3L 1333 MHz with un-buffered and non-ECC SDRAM up to 8GB

I/O Interface-Front

- ♦ 1 x Power button
- ♦ 1 x reset button
- ♦ 1 x HDD LED
- ♦ 3 x USB 3.0
- ♦ 1 x USB2.0
- ♦ 1 x HDMI
- ♦ 1 x Mic-in
- ♦ 1 x Line-out
- ♦ 1 x 2.5" HDD slot
- ♦ 1 x RJ45 with LEDs for Gigabit LAN
- ♦ 2 x Antenna hole
- ♦

I/O Interface-Rear

- ♦ 1 x TMDS
- ♦ 1 x UART

- ♦ 1 x Audio out L/R
- ♦ 2 x USB 2.0
- ♦ 1 x USB 3.0
- ♦ DC input +12V~+19V
- ♦ Control signals (PWR_STATUS, PS_ON#, PB_DET, CEC, SYS_FAN)

Storage Device

- ♦ 1 x 2.5" SATA Storage Bay for HDD / SSD

Expansion

- ♦ 1 x mini-PCIe for optional WLAN/ TV tuner module
- ♦ 1 x SIM slot

Dimensions

- ♦ 200mm (W) x 119mm (D) x 30mm (H) (7.8" x 4.7" x 1.1")

Power Power Supply

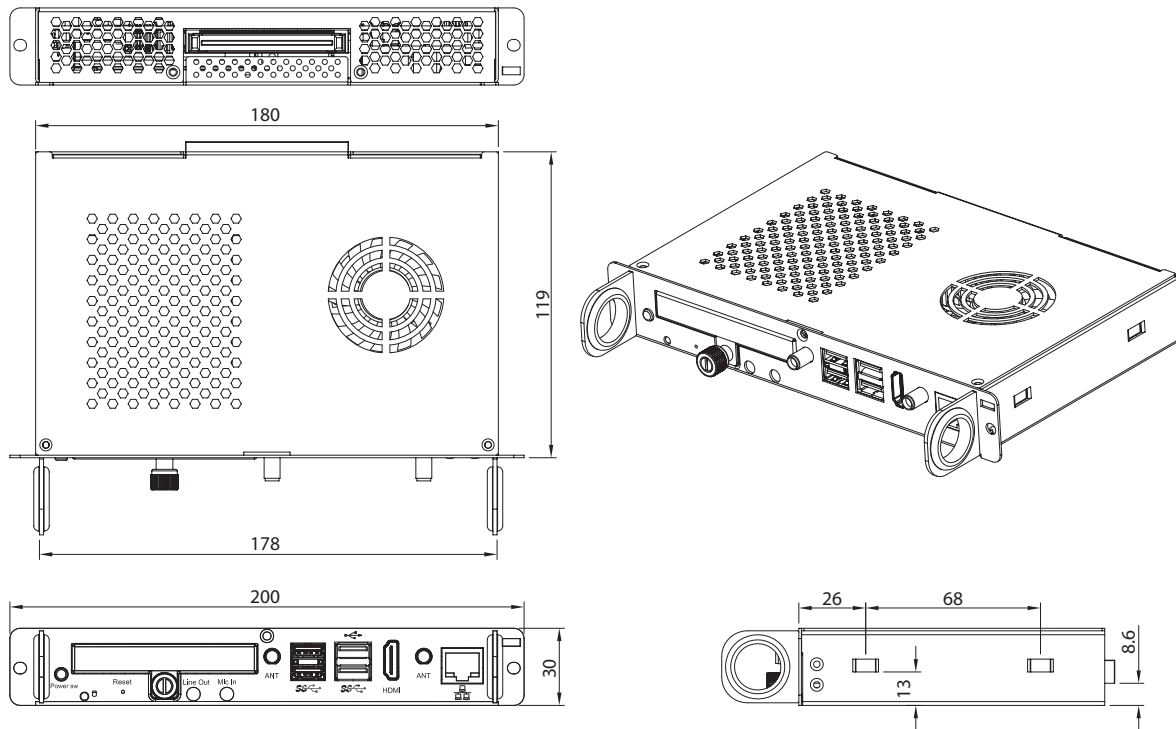
- ♦ DC power input +12V~+19V

Environment

- ♦ Operating temperature: ambient with air flow from 0°C to 45°C
- ♦ Storage temperature: -20°C to 80°C
- ♦ Humidity: 10 to 90% (non-condensing)



Dimension Drawing



Certification

- CE approval
- FCC Class A

Operating System

- Windows7/ Windows8 / WES7/WES8 / Linux

Ordering Information

- **NDIS M323 (P/N: 10W00M32300X0)**

Intel® Celeron® Bay Trail-D J1900 SoC processor OPS