

NDiS OPS-M50

2nd Generation Intel® Core™ -Based OPS Digital Signage Platform
Support COM Express Type II Module



Main Features

- Embedded Intel® Core™ i5-2515E Dual Core processor
- Intel® HD integrated graphics 3000
- Designed compliant with open pluggable standard
- COM Express architecture, easy scalability
- Slot-in integration, easy maintenance
- Supports TMDS, UART, and USB2.0 via JAE 80-pin connector
- TV tuner/ WLAN support

Product Overview

NDiS OPS-M50 is specifically designed to be compliant with OPS (Open Pluggable Standard). NDiS OPS-M50 provides COM Express architecture slot with optional COM Express Type II module scalability, slide in 2.5" SATA Slim SSD for storage. NDiS OPS-M50 operates on high performance Intel® Core™ i5-2515E Dual Core processor. NDiS OPS-M50 is powerful media player for digital signage applications demonstrate high impact contents in compact size and perfect match with panel.

Specifications

COM Express Board

- NEXCOM ICES-267S COM Express Card

CPU Support

- Onboard Intel® Core™ i5-2515E Dual Core processor

Chipset

- Intel® QM67/ HM65 PCH

Graphic

- Intel® HD graphics 3000
- Intel dynamic video memory allocation

Main Memory

- 1 x 204 pin SO-DIMM socket, support DDR3 800/ 1066/ 1333MHz (Single channel) with un-buffered and non-ECC SDRAM up to 4GB

I/O Interface-Front

- 1 x Power status LED (Green)
- 1 x HDD status LED (Yellow)
- 1 x Power button
- 1 x Reset button
- 1 x DB9 for RS-232
- 2 x USB port
- 1 x Audio Line-in
- 1 x Audio Line-out
- 1 x VGA port (DB15)
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2 x Antenna hole for Wi-Fi or TV tuner module

I/O Interface-Rear (OPS Standard Signal)

- Standard connector type: JAE TX25 Plug Connector
- Power input: 12V~19V
- 1 x TMDS / 1 x UART / 3 x USB Port
- Audio: Line-out L/R
- Control signals: power status / PS_ON / PB_DET / CEC / SYS_FAN

Storage Device

- 1 x 22pin SATA right angle connector for slide in 2.5" SATA slim SSD

Expansion

- 2 x Mini-PCIe for optional WLAN/ TV tuner module
- Support wake on WLAN feature

Dimensions

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

Power Power Supply

- DC power +12V~19V from docking board
- Input: +12V DC connector for test used

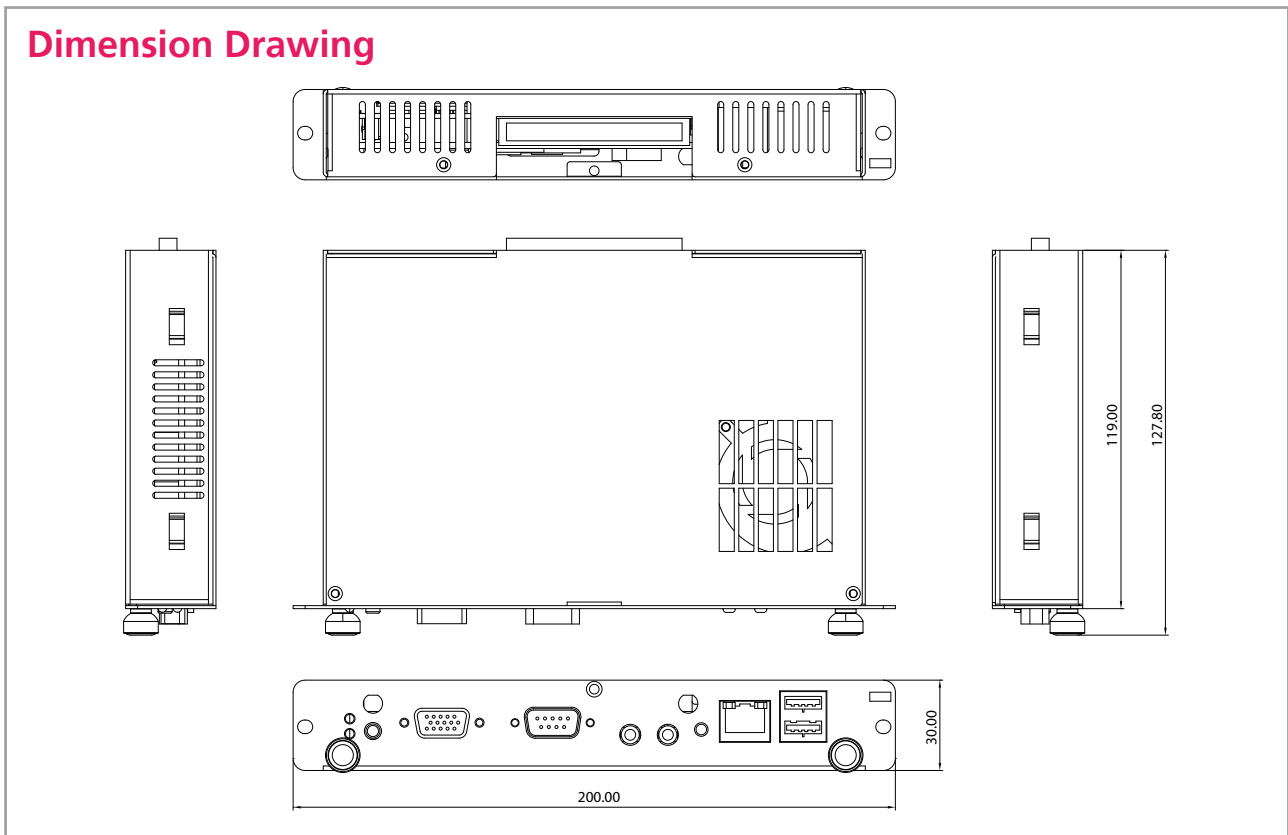
Environment

- 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)

Certification

- CE approval
- FCC Class A

Dimension Drawing



Ordering Information

- **NDiS OPS-M50 (P/N: 10W000OPS00X0)**

NEXCOM ICES-267S COM Express card

Onboard Intel® Core™ i5-2515E Dual Core processor

Intel® QM67/ HM65 PCH