

Features

- Onboard Intel® Cedarview N2800 1.86GHz CPU
- Intel® NM10 Chipset
- Interchangeable Qseven Module and Carrier Board
- Simplifies Digital Signage Development and Lowers Down The Installation Cost
- Onboard 1G DDR3 1066
- 1 HDMI, 1 Gigabit Ethernet, 1 Line-out
- 1 COM, 2 USB, 1 Mini PCIe
- Support 2.5" HDD/ SSD
- 12 ~ 19V DC-in from Monitor Side

Intel® NM10	HDMI	GbE	Audio	1 COM
2 USB	Mini PCIe	Fanless		

Specifications

System

• Board	EQM-CDV & EAP-OPI
• CPU	Intel® Atom™ Cedarview Dual-Core N2800 1.86GHz
• BIOS	AMI 8Mbit SPI BIOS
• System Chipset	Intel® NM10 Express Chipset
• System Memory	Onboard 1G DDR3 1066
• SSD	Optional 2.5" SSD
• Hard Driver Bay	Optional 2.5" HDD
• WiFi	Optional Mini PCIe WiFi 802.11b/g/n

Front I/O

• Serial Port	1 x COM
• Ethernet	1 x RJ-45
• Audio Port	Line-out
• USB	2 x USB 2.0
• HDMI	1 x HDMI

Display

• Chipset	Intel® Cedarview Integrated Graphics
• Resolution	HDMI: 1920 x 1200 @ 60Hz Resolution LCD/ Simultaneous Mode: 1366 x 768 LCD/ Simultaneous Mode: 1366 x 768 @ 60Hz (CDV-M)
• Dual Display	HDMI + LVDS to Carrier Board

Audio

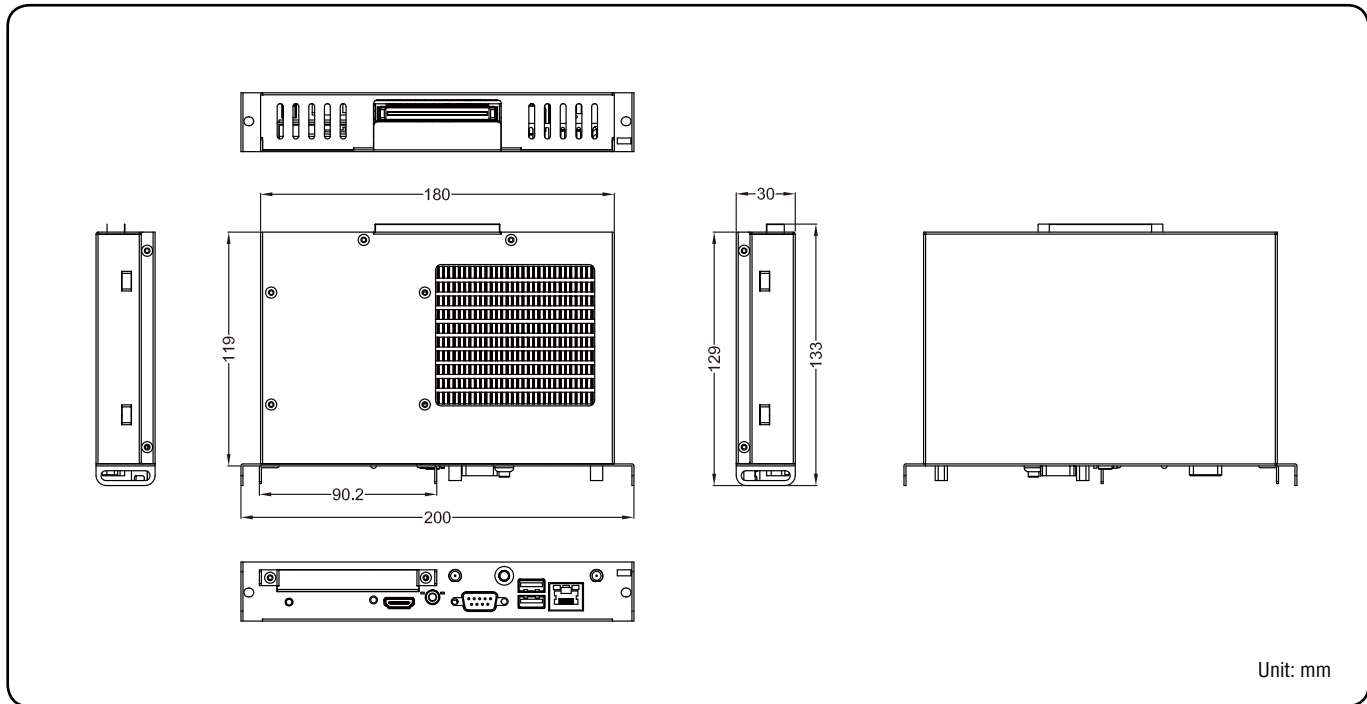
• AC97 Codec	Realtek ALC892 Supports 5.1-CH Audio
• Audio Interface	Line-out

Ethernet

• LAN Chip	Intel® 82574L Gigabit Ethernet
• Ethernet Interface	10/ 100/ 1000 Base-Tx Gigabit Ethernet Compatible



Diagram



Environment & Mechanical

- **System Fan** Fanless (Fan Space Reserved)
- **Color** Front Bezel in Black
- **Power Input** 12 ~ 19V DC-in from Monitor Side
- **Power Type** ATX
- **Operating Temperature** 0 ~ 40°C (32 ~ 104°F)
- **Storage Temperature** -20 ~ 75°C (-4 ~ 167°F)
- **Relative Humidity** 5% ~ 90% Relative Humidity, Non-condensing
- **Dimension (W x D x H)** 200mm x 119mm x 30mm
- **Weight** TBD

1
LPC
Series

2
APC
Series

3
PPC
Series

4
FPC
Series

5
MPC
Series

6
OPM
Series

7
SPC
Series

8
MTP
Series

9
RISC
Series

10
ACC

Ordering Information

• OPM-CDV-A1

Fanless Open Pluggable Module with Intel® Cedarview N2800 1.86GHz CPU and Intel® NM10 Chipset