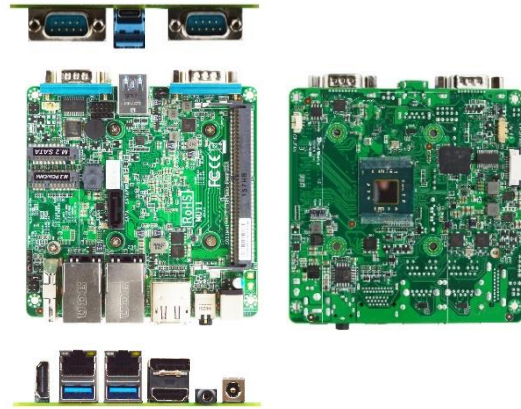


MU11 Series

NUC size with Intel® Gemini Lake-R Processor, DDR4 up to 8GB, support triple display

Features

1. Intel® Gemini Lake-R SoC Processor
2. 1* DDR4 2400MHz SO-DIMM up to 8GB
3. 2* HDMI, 1* DP
4. 2* COM, 3* USB3.1 (Gen.1), 2* USB2.0, 1*USB Type-C
5. 1* M.2 (M-key, 2242), 1* M.2 (E-key, 2230), 1* SATAIII (6Gb/s)
6. Onboard 32GB eMMC option (MU11-53 / MU11-57)
7. 12V DC-in



Overview

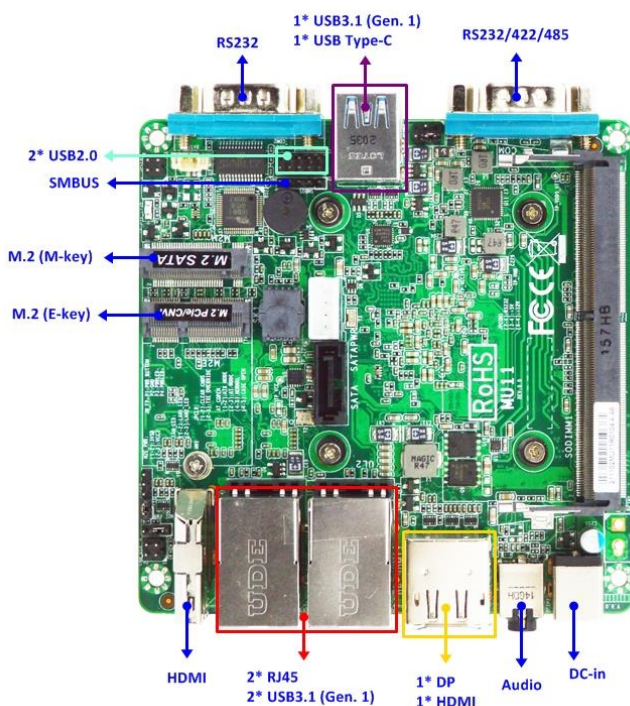
The JETWAY MU11 Series adopts the Intel® Gemini Lake-R SoC processor. MU11 Series equipped with DDR4 SO-DIMM slot and M.2 (M-key, 2242) which is suitable for most of the Digital Signage and KIOSK applications.

In addition, MU11 Series provide M.2 E-key (2230, PCIe/USB2.0 interface) support CNVi. MU11 Series also has three USB 3.1 (Gen.1), two USB 2.0, one USB type-C, one RS232 port and one RS232/422/485 port, customers can connect different peripherals to meet their needs. MU11 Series also support two HDMI and one DP triple displays which can be used for Digital Signage and KIOSK needs. All of the MU11 Series designs provide rich features with small dimension.

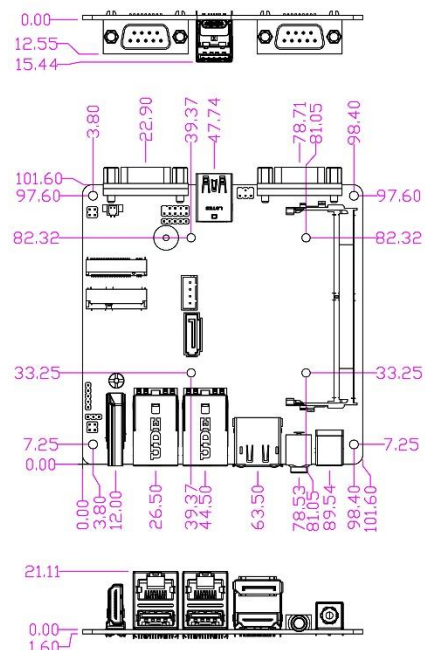
Application

Digital Signage / KIOSK / Intelligent Home / IoT Solution

I/O Diagram



Mechanical Drawings (Unit=mm)



Specifications

Model

MU11-50 (J4125)

Processor System

- Intel® Gemini Lake-R J4125 SoC Processor (TDP: 10W)
- AMI Flash ROM BIOS

Storage

- 1* SATAIII (6 Gb/s)
- 1* M.2 M-key (2242 W/SATA interface)
- 32GB eMMC on board option (MU11-53/ MU11-57)

Ethernet

2* Realtek RTL8119I GbE

Audio

HD audio: Realtek ALC888S

Internal I/O

- 2* USB2.0
- 1* SATAIII
- 1 * 32GB eMMC option (MU11-53/ MU11-57)
(If use Win 10 OS, we recommend the eMMC is use for OS boot up purpose.)
- 1* Chassis intrusion
- 1* SMBUS
- 1* AT mode

Power

12V DC-in PWR

- AT: Directly PWR on as Power input ready
- ATX: Press Button to PWR on after Power input ready

Temperature

- Operating Temperature: -10 ~ 50° C
- Storage Temperature: -20 ~ 60° C
- Humidity: 10% ~ 90% RH @40°C (non-condensing)

Warranty

2 Years limited warranty

Form Factor

NUC (101 * 101mm)

Memory

1* DDR4 2400MHz Dual Channel SO-DIMM up to 8GB

Expansion

1* M.2 E-key (2230, PCIe/USB2.0 interface) support CNVi

Graphics

- Intel® HD Graphics, shared memory
- 1* DP (Max Resolution: 4096x2160@60Hz)
- 2* HDMI 2.0 (Max Resolution: 4096x2160@60Hz)
- Support Triple Displays

Watchdog Timer

- From Super I/O to drag RESETCON#
- 256 segments (10sec ~ 255min)

External I/O

Front:

- 1* USB3.1(Gen.1)
- 1* USB Type-C
- 2* COM Port (COM1 support RS232/RS422/RS485)

Rear:

- 2* USB3.1(Gen.1)
- 2* HDMI
- 1* DP
- 2* RJ45
- 12V DC-in

Compliance

CE, FCC, LVD, RoHS, REACH

OS Support

Windows 10 Pro 64bit, Windows 10 IoT Enterprise 2019 LTSC, UEFI Windows 10 PRO 64bit, UEFI Ubuntu (Version 20.04.3), UEFI Ubuntu Server (Version 20.04.2), UEFI Fedora Core (Version 34.1.2), UEFI Fedora Server (Version 34.1.2), UEFI Open SUSE (Version 15.3), UEFI debian (Version 11.1.0), UEFI CentOS (Version 8.4.2105), UEFI pfSense (Version 2.5.2), UEFI RedHat Server (Version 8.5), Android x86 (Version 8.1_R6)

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

Part Number	Description
MU11 Series	MU11 Series M/B
G01-SATAL-RD30-F	1* SATA Cable L-Type
G01-XH4-SA15-35F	1* SATA Cable
F07-FNJNU93-F	1* NUC 3pin FAN