

JNMF891-H310

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

Features

1. Intel® LGA1151 Socket Gen8 Coffee Lake (Max. 65W TDP)
2. Intel H310 Express Chipset
3. Support Dual Channel DDR4 2666MHz, 2 * UDIMM slot, up to 64GB memory
4. 2 * Realtek Gigabit LAN (RTL8111H)
5. 3 * SATA III (6Gb/s), 1 * M.2 (M-key, 2242/2260/2280/22110, SATA Interface)
6. 4 * USB 3.1(Gen 1), 4 * USB 2.0
7. 10 * COM ports (COM1/2 supports RS232/422/485)
8. Support TPM 1.2/2.0 onboard option
9. Micro ATX form factor (244mm x 244mm)



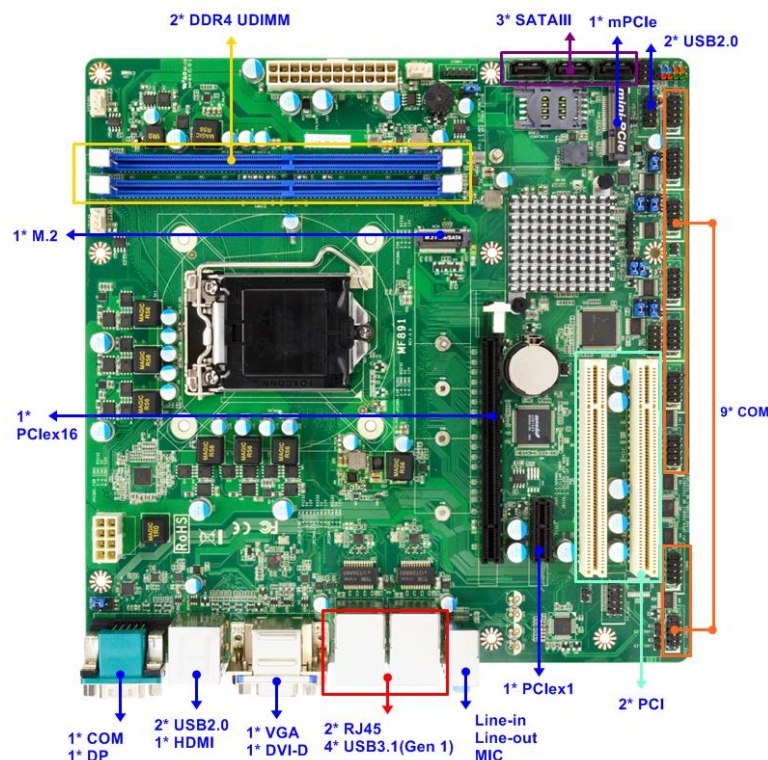
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Overview

The JETWAY JNMF891 are Micro-ATX form factor board adopts the Intel® 8th generation Core i7/i5/i3, Pentium and Celeron Processor. The board supports DDR4 2666MHz UDIMM memory, up to 64GB. Featuring the integrated Realtek Gigabit Ethernet controller, the JNMF891 offers 10/100/1000Base-TX Ethernet devices for network transmission. Three SATAIII (6Gb/s) interface and one M.2 (M-key, 2242/2260/2280/22110) offer storage devices. One Mini PCIe interface, four USB3.1 (Gen.1) ports, four USB2.0 ports and ten COM ports provide versatile expansion. The JNMF891 offers one VGA port, one DVI port, one HDMI port and one DP port which can support 3 independent displays. Because of the above features, JNMF891 is one of the best selections for digital signage, banking, KIOSK and POS applications.

Application: Digital Signage / KIOSK / Banking / POS machine

I/O Diagram



Specifications

| | |
|-------------------------|--|
| Model | <ul style="list-style-type: none"> JNMF891-H310 |
| Form Factor | <ul style="list-style-type: none"> Micro ATX (244 * 244mm) |
| Processor System | <ul style="list-style-type: none"> Intel® LGA1151 Socket Gen8 Coffee Lake Core i3, i5, i7 & Pentium Processors (Max. 65W TDP) Intel H310 Chipset AMI 64Mb Flash ROM BIOS |
| Memory | <ul style="list-style-type: none"> 2 * UDIMM Dual Channel DDR4 2666MHz up to 64GB |
| Storage | <ul style="list-style-type: none"> 3* SATAIII (6 Gb/s) 1* M.2 M-key (2242/2260/2280/22110, SATA interface) |
| Expansion | <ul style="list-style-type: none"> 2* PCI 1* Mini-PCIe (Full size) 1* PCIe x16 1* PCIe x1 1* SIM card holder |
| Ethernet | <ul style="list-style-type: none"> 2* Realtek RTL8111H GbE |
| Graphics | <ul style="list-style-type: none"> Intel® HD Graphics, shared memory 1* VGA (Max. Resolution: 1920*1080@60Hz) 1* DVI-D (Max. Resolution: 1920*1200@60Hz) 1* HDMI (Max. Resolution: 4096x2160@30Hz) 1* DP (Max. Resolution: 4096x2304@60Hz) Support DualDisplays |
| Audio | <ul style="list-style-type: none"> HD audio: Realtek ALC888S |
| Watchdog Timer | <ul style="list-style-type: none"> From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min) |
| Internal I/O | <ul style="list-style-type: none"> 2* USB2.0 9* COM (COM2 support RS232/422/485) 3* SATAIII ports 1* mPCIe (Full size) slot 1* M.2 M-key (2242/2260/2280/22110) slot 1* SIM card holder 1* Chassis intrusion 1* PS/2 1* GPIO (8 bit) 1* SMBUS/I2C 1* Audio Header 1* AT mode |
| External I/O | <ul style="list-style-type: none"> 1* VGA 1* DVI-D 1* HDMI 1* DP 2* RJ45 4* USB3.1 (Gen.1) 2* USB2.0 1* Line-in, 1*Line-out, 1* MIC 1* RS232/422/485 |
| Power | <p>ATX PWR (8+24 pin), AT/ATX Supported</p> <ul style="list-style-type: none"> - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready |
| Compliance | CE, FCC, LVD, RoHS, REACH |
| Temperature | <ul style="list-style-type: none"> Operating Temperature: 0 ~ 60° C Storage Temperature: -20 ~ 85° C Humidity: 10% ~ 90% RH @40°C (non-condensing) |
| Warranty | <ul style="list-style-type: none"> 2 Years limited warranty |

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

Standard Accessories

| Part Number | Description |
|-------------------|---------------|
| ----- | JNMF891 M/B |
| G01-SATA3-BL-1F | 2* SATA cable |
| G01-COM9X3-30A-2F | 2* COM cable |
| G01-COM9-30A-1F | 2* COM cable |
| F04-MB-007-3F | I/O Shield |

Mechanical Drawings (Unit=mm)

