



999.00 EUR
incl. 19% VAT, plus [shipping](#)

The JETWAY JNF931 is 3.5" form factor board adopts the Intel® Gemini Lake SoC Processor. The board supports two SO-DIMM DDR4 2400MHz memory, up to 8GB. Featuring the integrated Intel® Gigabit Ethernet controller, the JNF931 offers one 10/100/1000Base-TX Ethernet device for network transmission. One SATAIII (6Gb/s) interface and one M.2 M-key support NVMe offer storage devices. Two USB3.1 Gen.1 ports, four USB2.0 ports and one COM port provide versatile expansion. The M.2 E-key can support WIFI/3G/4G and Intel CNVi interface. The JNF931 offers two HDMI2.0 ports and one eDP port which can support 3 independent displays. Because of the above features, JNF931 is suitable for Digital Signage, IOT Solution applications.

- Intel® Gemini Lake SoC Processor (TDP 10W)
- 2* DDR4 2400MHz SO-DIMM up to 8 GB
- 1* 10/100/1000 Base-TX Ethernet Ports
- 2* HDMI, 1* eDP support triple display
- 1* COM, 2* USB3.1 (Gen.1), 4* USB2.0
- 1* M.2 M-key (2242/2280)support NVMe, 1* M.2 E-key (2230 w/ CNVi)
- 1* SATA III (6Gb/s)

Model / Part Number	
Model	– JNF931-4105
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Form Factor	
Dimensions	– 3.5" (5.8-in * 4.0-in, 148 * 102mm)
Processor System	
CPU	– Intel® Gemini Lake J4105 SoC Processor (TDP 10W)
Core Number	– (By CPU)
Max Speed	– (By CPU)
Cache	– (By CPU)
Chipset	– J4105
BIOS	– AMI Flash ROM
Expansion Slot	

Expansion	<ul style="list-style-type: none"> - M.2 M-key (2242/2280) Support PCIe2(NVMe) & SATA interface - M.2 E-key (2230) Support CNVi,USB2.0 & PCIe1 interface - 1* full size Mini-PCIe Support USB2.0 & PCIe1 interface
Memory	
Technology	- DDR4 2400MHz Dual CH SDRAM non-ECC
Max.	- 8GB
Socket	- 2* SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
eDP	- 1 (Max Resolution: 4096x2304@60Hz)
HDMI 2.0	- 2 (Max Resolution: 4096x2160@60Hz)
Multi Display	- Triple Displays
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 1* i211AT
Connector	- 1* Intel GbE
Audio	
CODEC	- HD Audio: Realtek ALC662VD
Channel	- 6 Channel
Speaker	- 3W AMP
SATA	
SATA	- 3* SATAIII
Integrated Storage	
eMMC	- 1* 32GB eMMC (option)
I/O Connector	
Rear I/O	<ul style="list-style-type: none"> - 2* USB3.1 (Gen1), 2* USB2.0 - 2* HDMI - 1* Ethernet - 1* SIM card slot - Line-Out - DC-IN (12V)
Internal Connector	<ul style="list-style-type: none"> - 2* USB2.0 - 1* eDP - 1* RS232 - 1* SATAIII - 1* GPIO (8 bit) - 1* Audio Header - 1* SMBUS - 1* CPU FAN - 1* AT mode
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	- DC-IN 12V

Power On	ATX PWR (8+24 pin), AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	– CE, FCC, LVD, RoHS, REACH
Environment	
Temperature	– Operating: 0°C ~ 60°C
	– Storage: -20°C ~ 85°C
Warranty	
Warranty	– 2 Years Limited Warranty