



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

Part Number

– JNF931-4105

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: 4096×2304@60Hz) |
| HDMI 2.0 | – 2 (Max Resolution: 4096×2160@60Hz) |
| Multi Display | – Triple Displays |

Ethernet

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|------------|--------------------|
| Ethernet | – 10/100/1000 Mbps |
| Controller | – 1* i211AT |
| Connector | – 1* Intel GbE |

Audio

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|---------|------------------------------|
| CODEC | – HD Audio: Realtek ALC662VD |
| Channel | – 6 Channel |
| Speaker | – 3W AMP |

SATA

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|------|--------------|
| SATA | – 3* SATAIII |
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Integrated Storage

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|------|-------------------------|
| eMMC | – 1* 32GB eMMC (option) |
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I/O Connector

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|---------------------------|---|
| 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