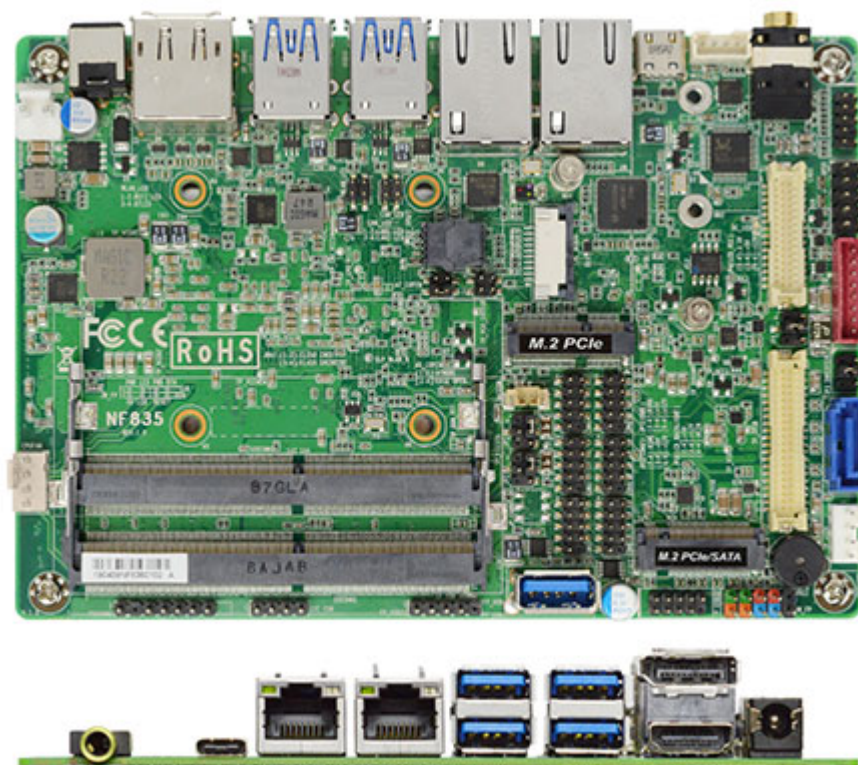




319.00 EUR

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

- JNF835-5205U

The JETWAY JNF835 is 3.5" form factor board adopts the Intel® Whiskey Lake-U5205 Processor. The board supports two SO-DIMM DDR4 2400MHz memory, up to 32GB. Featuring the integrated Intel® Gigabit Ethernet controller, the JNF835 offers two 10/100/1000Base-TX Ethernet devices for network transmission. One SATAIII (6Gb/s) interface and one M.2 M-key offer storage devices. One four USB3.1 Gen.2 ports, two USB3.1 Gen.2 ports for Type C and Internal Vertical connector, three USB2.0 ports and six COM ports provide versatile expansion. The M.2 E-key can support WIFI/3G/4G and Intel CNVi interface. The JNF835 offers one HDMI1.4 port, one DP1.4 port, one eDP port and one 24-bits Dual CH LVDS which can support 3 independent displays. Because of the above features, JNF835 is suitable for Digital Signage, Industrial PCs, Factory Automation, IOT Solution applications.

- Intel® Comet Lake 5205U Processor (TDP 15W)
- 2\* DDR4 2400MHz SO-DIMM up to 32 GB
- 2\* 10/100/1000 Base-TX Ethernet Ports
- 1\* HDMI, 1\* DP, 1\* eDP, 1 \* 24-bits Dual CH LVDS
- 6\* COM (COM1 support RS232/422/485), 4\* USB3.1 Gen.2, 2\* USB3.1 Gen.2 (Type C & Vertical type) & 3\* USB2.0
- 1\* M.2 M-key (2242/2260/2280)support NVMe, 1\* M.2 E-key (2230 w/ CNVi)
- 1\* SATA III (6Gb/s)
- Support onboard TPM 2.0 (option)

| Model / Part Number |                                                 |
|---------------------|-------------------------------------------------|
| Model               | – JNF835-5205U                                  |
| Part Number         | – JNF835-5205U                                  |
| Form Factor         |                                                 |
| Dimensions          | – 3.5" (5.8-in * 4.0-in, 148 * 102mm)           |
| Processor System    |                                                 |
| CPU                 | – Intel® Whiskey Lake-U i5-8365UE SoC Processor |
| Core Number         | – 4                                             |
| Max Speed           | – 4.10GHz                                       |
| Cache               | – 6MB                                           |
| Chipset             | – SoC                                           |

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| BIOS                      | – AMI Flash ROM                                                                                            |
| <b>Expansion Slot</b>     |                                                                                                            |
| M.2                       | – 1* M.2 M-key (2242/2260/2280) Support PCIe4(NVMe) & SATA interface<br>– 1* M.2 E-key (2230) Support CNVi |
| <b>Memory</b>             |                                                                                                            |
| Technology                | – Dual CH DDR4 2400MHz SDRAM                                                                               |
| Max.                      | – 32GB                                                                                                     |
| Socket                    | – 2 * SO-DIMM                                                                                              |
| <b>Graphics</b>           |                                                                                                            |
| Controller                | – Intel® HD Graphics                                                                                       |
| VRAM                      | – Shared Memory                                                                                            |
| eDP                       | – 1 (Max Resolution: 4096×2304@60Hz)                                                                       |
| LVDS                      | – 1 (Max Resolution: 1920×1200@60Hz)                                                                       |
| HDMI 1.4                  | – 1 (Max Resolution: 4096×2160@30Hz)                                                                       |
| DisplayPort               | – 1 (Max Resolution: 4096×2304@60Hz)                                                                       |
| Multi Display             | – Triple Displays                                                                                          |
| <b>Ethernet</b>           |                                                                                                            |
| Ethernet                  | – 10/100/1000 Mbps                                                                                         |
| Controller                | – PCIe GbE: 1* i219LM, 1* i211AT                                                                           |
| Connector                 | – 2 * RJ45                                                                                                 |
| <b>Audio</b>              |                                                                                                            |
| CODEC                     | – HD Audio: Realtek ALC662VD                                                                               |
| Channel                   | – 6 Channel                                                                                                |
| <b>SATA</b>               |                                                                                                            |
| SATA                      | – 1 * SATAIII                                                                                              |
| <b>Rear I/O</b>           |                                                                                                            |
| HDMI                      | – 1                                                                                                        |
| DisplayPort               | – 1                                                                                                        |
| Ethernet                  | – 2                                                                                                        |
| USB                       | – 4* USB3.1(Gen2), 1* USB3.1(Gen2) Type C                                                                  |
| Audio                     | – 1 ( Line-out)                                                                                            |
| DC-input                  | – 1 (9-24V)                                                                                                |
| <b>Internal Connector</b> |                                                                                                            |
| USB                       | – 1* USB3.1 (Gen2) Vertical conn, 3* USB 2.0                                                               |
| PS/2                      | – 1                                                                                                        |
| LVDS / inverter           | – 1 (selection w/eDP)                                                                                      |
| eDP                       | – 1 (selection w/LVDS)                                                                                     |
| Serial                    | – 1* RS232/422/485, 5* RS232                                                                               |
| SATA                      | – 1 * SATAIII                                                                                              |
| GPIO                      | – 1 (8 bit)                                                                                                |
| Chassis intrusion         | – 1                                                                                                        |
| Audio Header              | – 1                                                                                                        |
| SMBUS                     | – 1                                                                                                        |
| AT mode                   | – 1                                                                                                        |
| Others                    | – Support onboard TPM2.0(option)                                                                           |

| Watchdog Timer     |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Output             | – From Super I/O to drag RESETCON#                                                                                       |
| Interval           | – 256 segments (10sec ~ 255min)                                                                                          |
| Power Requirements |                                                                                                                          |
| Input PWR          | – 9~24V DC-in                                                                                                            |
| Power On           | AT/ATX Supported<br>– AT : Directly PWR on as Power input ready<br>– 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                                                                                                  |
|                    | – eMMC: 0°C ~ 70°C                                                                                                       |
| Warranty           |                                                                                                                          |
| Warranty           | – 2 Years Limited Warranty                                                                                               |