

249.00 EUR

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



The JETWAY JNF695 series are Thin Mini-ITX form factor board adopts the Intel® Apollo Lake SoC Processor. The board supports DDR3L 1866MHz SODIMM memory, up to 8GB. Featuring the integrated Realtek Gigabit Ethernet controller, the JNF695 offers 10/100/1000Base-TX Ethernet devices for network transmission. SATAIII (6Gb/s) interface and one M.2 (M-key, 2242/2260) offer storage devices. One Mini PCIe interface, four USB3.0 ports, six USB2.0 ports and two to ten COM ports provide versatile expansion. The JNF695 offers eDP interface which can support max. 4K@60Hz resolution. Because of the above features, JNF695 is one of the best selections for digital signage and automation applications.

- Intel® Apollo Lake Processor
- 1 \* DDR3L 1866MHz SODIMM Up to 8GB
- 1/2\* 10/100/1000 Base-TX Ethernet Ports
- Support HDMI / VGA / LVDS / eDP display selection
- 2/6/10 \* COM, 4 \* USB3.0 & 6 \* USB2.0
- 1\* Mini PCIe slot & 1 \* SIM card holder
- Support 1 \* SATA III (6Gb/s) & 1 \* M.2 (M-key, 2242/2260)
- 12V DC-in power

| Model       | JNF695HV-3350                                  | JNF695H2-3350/                     | JNF695P-3350/4                   | JNF695L-3350/4200                |
|-------------|------------------------------------------------|------------------------------------|----------------------------------|----------------------------------|
| Model       | – JNF695HV-3350<br>– JNF695HV-4200             | – JNF695H2-3350<br>– JNF695H2-4200 | – JNF695P-3350<br>– JNF695P-4200 | – JNF695L-3350<br>– JNF695L-4200 |
| Part Number | – JNF695HV-3350<br>– JNF695HV-4200             | – JNF695H2-3350<br>– JNF695H2-4200 | – JNF695P-3350<br>– JNF695P-4200 | – JNF695L-3350<br>– JNF695L-4200 |
| Form Factor |                                                |                                    |                                  |                                  |
| Dimensions  | – Thin Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) |                                    |                                  |                                  |

## Processor System

|             |                                    |  |  |  |
|-------------|------------------------------------|--|--|--|
| CPU         | – Intel® Apollo Lake SoC Processor |  |  |  |
| Core Number | – (by CPU)                         |  |  |  |
| Max Speed   | – (by CPU)                         |  |  |  |
| L2 Cache    | – (by CPU)                         |  |  |  |
| Chipset     | – SoC                              |  |  |  |
| BIOS        | – AMI Flash ROM                    |  |  |  |

## Expansion Slot

|                 |                        |     |     |     |
|-----------------|------------------------|-----|-----|-----|
| Mini-PCIe       | – 1 (full size)        |     |     |     |
| M.2             | – 1 (M-key, 2242/2260) |     |     |     |
| SIM Card Holder | – 1                    | – 1 | – 1 | – 0 |

## Memory

|            |                       |  |  |  |
|------------|-----------------------|--|--|--|
| Technology | – DDR3L 1866MHz SDRAM |  |  |  |
| Max.       | – 8GB                 |  |  |  |
| Socket     | – 1 * SO-DIMM         |  |  |  |

## Graphics

|               |                                      |                   |                   |                 |
|---------------|--------------------------------------|-------------------|-------------------|-----------------|
| Controller    | – Intel® HD Graphics                 |                   |                   |                 |
| VRAM          | – Shared Memory                      |                   |                   |                 |
| VGA           | – 1                                  | – 0               | – 0               | – 0             |
| LVDS          | – 1                                  |                   |                   |                 |
| eDP           | – 1 (Max Resolution: 4096×2160@60Hz) |                   |                   |                 |
| HDMI 1.4      | – 1                                  | – 2               | – 2               | – 1             |
| Multi Display | – Triple Displays                    | – Triple Displays | – Triple Displays | – Dual Displays |

## Ethernet

|            |                         |             |                         |             |
|------------|-------------------------|-------------|-------------------------|-------------|
| Ethernet   | – 10/100/1000 Mbps      |             |                         |             |
| Controller | – 2 * Realtek 8111G GbE |             | – 1 * Realtek 8111G GbE |             |
| Connector  | – 2 * RJ 45             | – 2 * RJ 45 | – 1 * RJ 45             | – 1 * RJ 45 |

## Audio

|         |                              |  |  |  |
|---------|------------------------------|--|--|--|
| CODEC   | – HD Audio: Realtek ALC662VD |  |  |  |
| Channel | – Line-Out                   |  |  |  |

## SATA

|                        |                         |  |  |  |
|------------------------|-------------------------|--|--|--|
| Max Data Transfer Rate | – 1 * SATAIII (6.0Gb/s) |  |  |  |
|------------------------|-------------------------|--|--|--|

## Rear I/O

|             |                |     |     |     |
|-------------|----------------|-----|-----|-----|
| VGA         | – 1            | – 0 | – 0 | – 0 |
| HDMI        | – 1            | – 2 | – 2 | – 1 |
| DisplayPort | – 0            |     |     |     |
| Ethernet    | – 2            | – 2 | – 1 | – 1 |
| USB         | – 4 * USB 3.0  |     |     |     |
| Audio       | – 1 (Line-out) |     |     |     |
| DC-input    | – 1            |     |     |     |

## Internal Connector

|      |               |  |  |  |
|------|---------------|--|--|--|
| USB  | – 6 * USB 2.0 |  |  |  |
| PS/2 | – 1           |  |  |  |

|                   |                                   |                                   |     |     |
|-------------------|-----------------------------------|-----------------------------------|-----|-----|
| LVDS / inverter   | – 1                               |                                   |     |     |
| eDP               | – 1                               |                                   |     |     |
| Serial            | – 10 (COM1 support RS232/422/485) | – 10 (COM1 support RS232/422/485) | – 6 | – 2 |
| SATA              | – 1 * SATAIII                     |                                   |     |     |
| mPCIe             | – 1 (full size)                   |                                   |     |     |
| SIM card holder   | – 1                               | – 1                               | – 1 | – 0 |
| M.2               | – 1 (M-key, 2242/2260)            |                                   |     |     |
| GPIO              | – 1 (8 bit)                       |                                   |     |     |
| Chassis intrusion | – 1                               |                                   |     |     |
| Audio Header      | – 1                               |                                   |     |     |
| SMBUS/ I2C        | – 1                               |                                   |     |     |
| AT mode           | – 1                               |                                   |     |     |
| TPM               | – 1 (1.2/2.0 option)              |                                   |     |     |

## Watchdog Timer

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

## Power Requirements

|           |                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------|
| Input PWR | – 12V 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 |

## Warranty

|          |                            |
|----------|----------------------------|
| Warranty | – 2 Years Limited Warranty |
|----------|----------------------------|