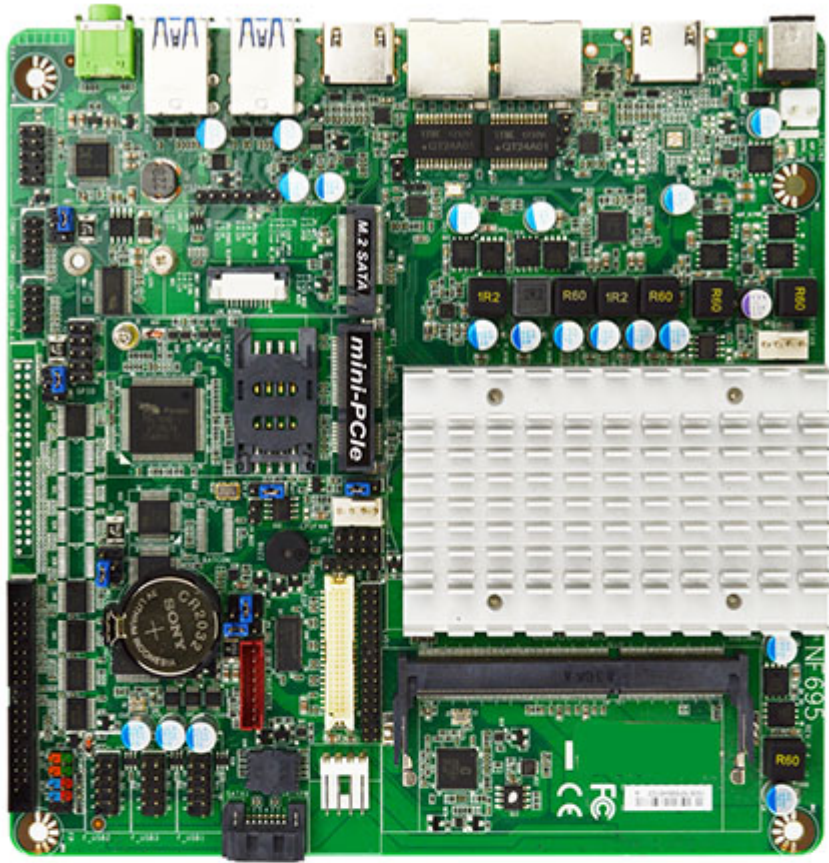


999.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Apollo Lake Processor
- 1 \* DDR3L 1866MHz SODIMM Up to 8GB
- Support HDMI / VGA / LVDS / eDP display selection
- 6 \* COM, 4 \* USB3.0, 6 \* USB2.0, 2x GbE
- 1\* Mini PCIe slot & 1 \* SIM card holder
- 1\* Mini PCIe slot, 1 \* SIM card holder, 1 \* SATAIII, 1 \* M.2 (M-key, 2242/2260
- 12V DC-in power

| <b>Form Factor</b>        |  |
|---------------------------|--|
| Dimensions                | – Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)   |
| <b>Processor System</b>   |  |
| CPU                       | – Intel® Apollo Lake J3455 SoC Processor   |
| Core Number               | – 4  |
| Max Speed                 | – 2.3GHz   |
| L3 Cache                  | – 2MB  |
| Chipset                   | – SoC  |
| BIOS                      | – AMI Flash ROM  |
| <b>Expansion Slot</b>     |  |
| Expansion                 | – 1* Mini-PCIe (full size)<br>– 1* M.2 (M-key, 2242/2260)<br>– 1* SIM card slot            |
| <b>Memory</b>             |  |
| Technology                | – DDR3L 1866MHz SDRAM  |
| Max.                      | – 8GB  |
| Socket                    | – 1* SO-DIMM   |
| <b>Graphics</b>           |  |
| Controller                | – Intel® HD Graphics   |
| VRAM                      | – Shared Memory  |
| LVDS                      | – 1 (Max. Resolution: 1920 * 1200@60Hz, selectable with eDP, not working while using LVDS) |
| eDP                       | – 1 (Max Resolution: 4096x2160@60Hz, selectable with LVDS, not working while using eDP)    |
| HDMI 1.4                  | – 2 (Max. Resolution: 3840 * 2160@30Hz)  |
| Multi Display             | – Triple Displays  |
| <b>Ethernet</b>           |  |
| Ethernet                  | – 10/100/1000 Mbps   |
| Controller                | – 2 * Realtek 8111H GbE  |
| Connector                 | – 2* RJ45  |
| <b>Audio</b>              |  |
| CODEC                     | – HD Audio: Realtek ALC662VD   |
| Channel                   | – Line-out   |
| <b>SATA</b>               |  |
| Max Data Transfer Rate    | – 1* SATAIII (6.0Gb/s)   |
| <b>Rear I/O</b>           |  |
| Rear I/O                  | – 2* HDMI<br>– 2* RJ45<br>– 4* USB 3.0<br>– 1* Line-out<br>– 1* DC-in                      |
| <b>Internal Connector</b> |  |

|                           |   |
|---------------------------|---|
| Internal Connector        | <ul style="list-style-type: none"> <li>- 6* USB 2.0</li> <li>- 1* PS/2</li> <li>- 1* LVDS(Selectable with eDP, not working while using LVDS)</li> <li>- 1* eDP(Selectable with LVDS, not working while using eDP))</li> <li>- 6* COM(COM1 support RS232/422/485)</li> <li>- 1* SATAIII</li> <li>- 1* mPCIe (full size)</li> <li>- 1* SIM card holder</li> <li>- 1* M.2 (M-key, 2242/2260)</li> <li>- 1* (8 bit) GPIO</li> <li>- 1* Chassis intrusion</li> <li>- 1* Audio Header</li> <li>- 1* SMBUS/ I2C</li> <li>- 1* AT mode</li> <li>- 1* TPM 2.0(onboard option)</li> </ul> |
| <b>Watchdog Timer</b>     |   |
| Output                    | - From Super I/O to drag RESETCON#  |
| Interval                  | - 256 segments (10sec ~ 255min)   |
| <b>Power Requirements</b> |   |
| 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  |
| <b>Certifications</b>     |   |
| Certifications            | - CE, FCC, LVD, RoHS, REACH   |
| <b>Environment</b>        |   |
| Temperature               | - Operating: 0°C ~ 60°C (with 0.7m/s air flow)  |
|                           | - Storage: -20°C ~ 85°C   |