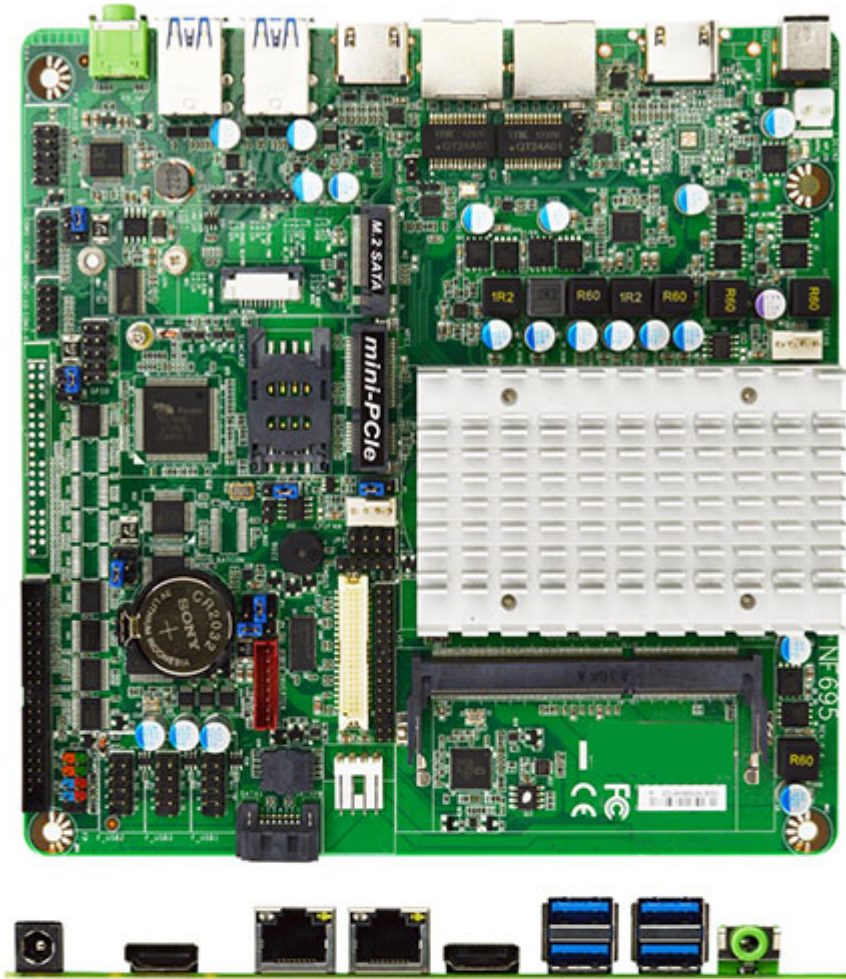


999.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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

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

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>– Storage: -20°C ~ 85°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |