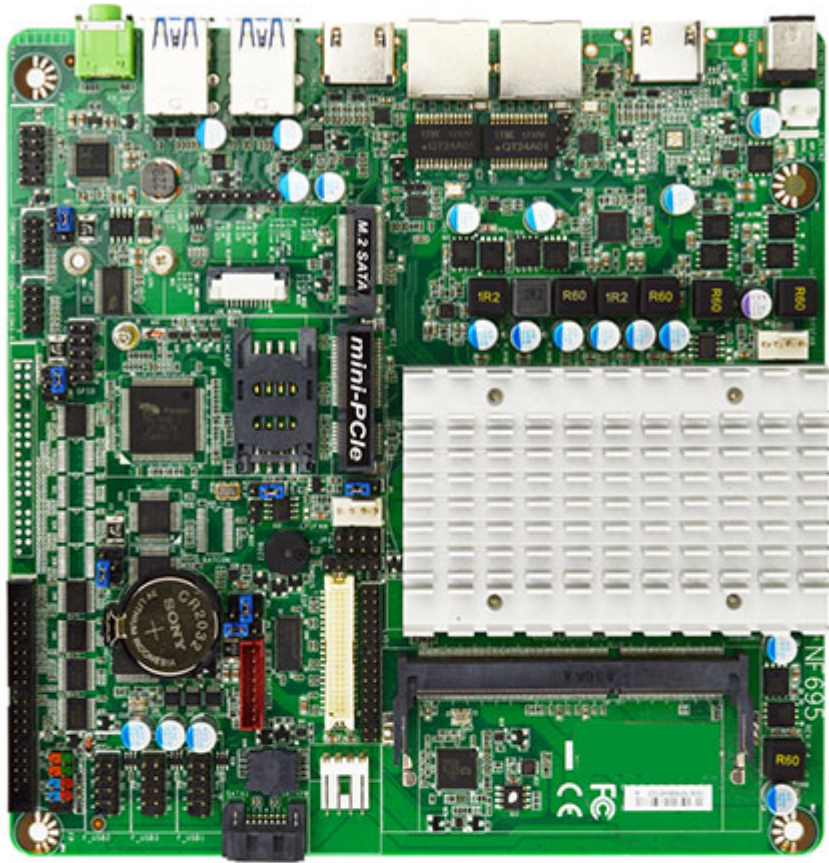


999.00 EUR  
incl. 19% VAT, plus [shipping](#)



- 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) – 1* M.2 (M-key, 2242/2260) – 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 – 2* RJ45 – 4* USB 3.0 – 1* Line-out – 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 - AT : Directly PWR on as Power input ready - 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