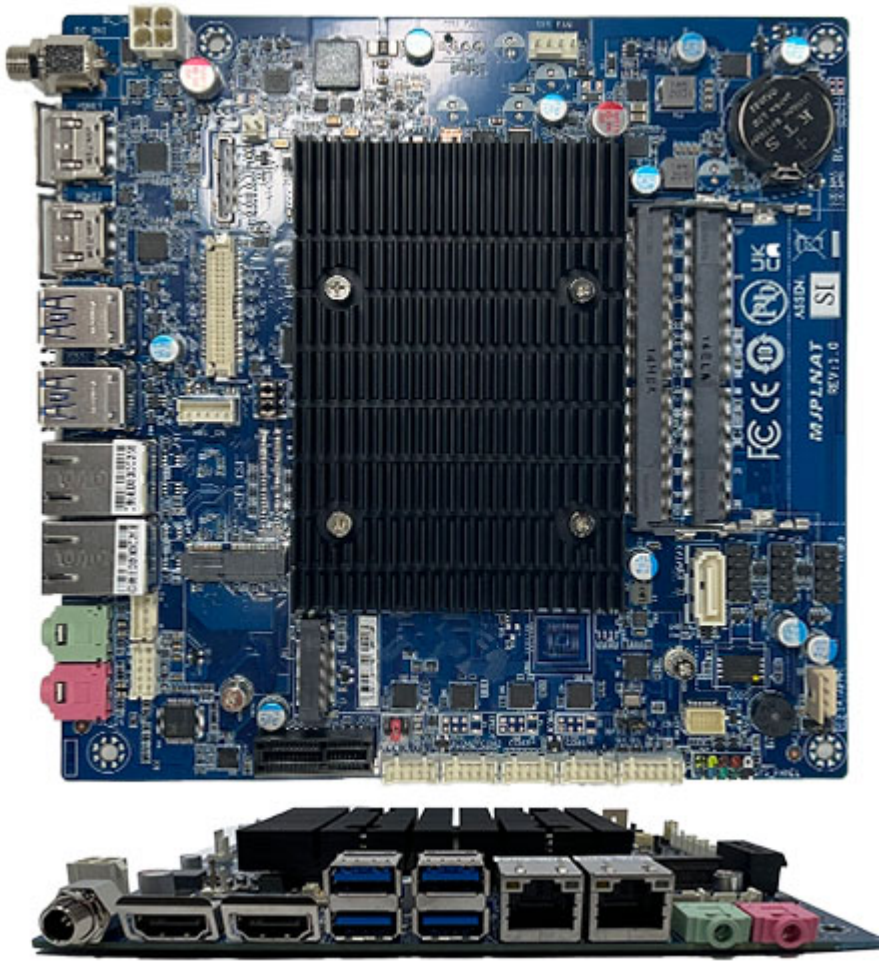

999.00 EUR
incl. 19% VAT, plus shipping

- 2x Gigabit LAN !
- 10x USB !
- 3x COM !

Support: Specifications

Thin Mini-ITX Embedded Motherboard with Intel® Celeron® N4500 Processor, Dual Channel DDR4 memory, 4 x COM, 1 x SATA 6Gb/s, 10 x USB

- Thin Mini-ITX form factor
- Intel® Celeron® N4500 Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x GbE LAN Ports
- 1 x SATA 6Gb/s Port
- HDMI, eDP/LVDS ports for Multiple Display
- Realtek® Audio Codec
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 3 x COM Ports (RS-232/422/485)

Form Factor	Thin Mini-ITX 170W x 170D(mm)
CPU	Intel® Celeron® N4500 Processor 10nm, 2 cores, 2 threads, up to 2.80 GHz TDP 6W
Socket	1x FCBGA1338
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 16 GB Support Dual channel DDR4 2933 MHz memory modules
Ethernet	2 x GbE LAN Ports (Realtek® RTL8118-CG)

Video	Integrated Graphics Processor - Intel® UHD Graphics: 2 x HDMI 2.0 port, supporting a maximum resolution of 3840x2160 @60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1080 @60Hz 1 x eDP port, supporting a maximum resolution of 4096x2160 @60Hz (3 independent display outputs)
Audio	Realtek Audio Codec
Storage	1 x SATA 6Gb/s Port
Expansion Slots	1 x PCIe x1 (Gen3 x1) 1 x 2280 M.2 M-Key (SATA 6Gb/s) 1 x 2230 M.2 E-Key
Internal I/O	1 x 4-pin ATX main power connector 1 x ATX Control header (For Standard ATX PSU use) 1 x SATA power connector 1 x System fan header 1 x Front panel header 1 x Front panel audio header 1 x 2W Speaker out header 6 x USB 2.0 headers 1 x COM header (RS-232/422/485 & RI/5V/12V) 3 x COM headers (RS-232) 1 x GPIO (8 bits) & SMBus header 1 x Backlight Control header 1 x AT/ATX mode select jumper
Rear I/O	2 x Audio Jacks (Line out, Mic in) 2 x HDMI 2 x RJ45 LAN Ports 4 x USB 3.2 Gen 1 1 x DC Jack (+12V~24VDC)
OS Compatibility	Windows 10 (x64)
Operating Properties	Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing)
Packing Content	Capacity: 10pcs Carton size: 465 x 351 x 217(mm) Content: IO Shield x 1 (P/N: 12AIO-MJPLN0-00R) SATA Power cable x 2 (P/N: 25CRI-300B01-K1R)