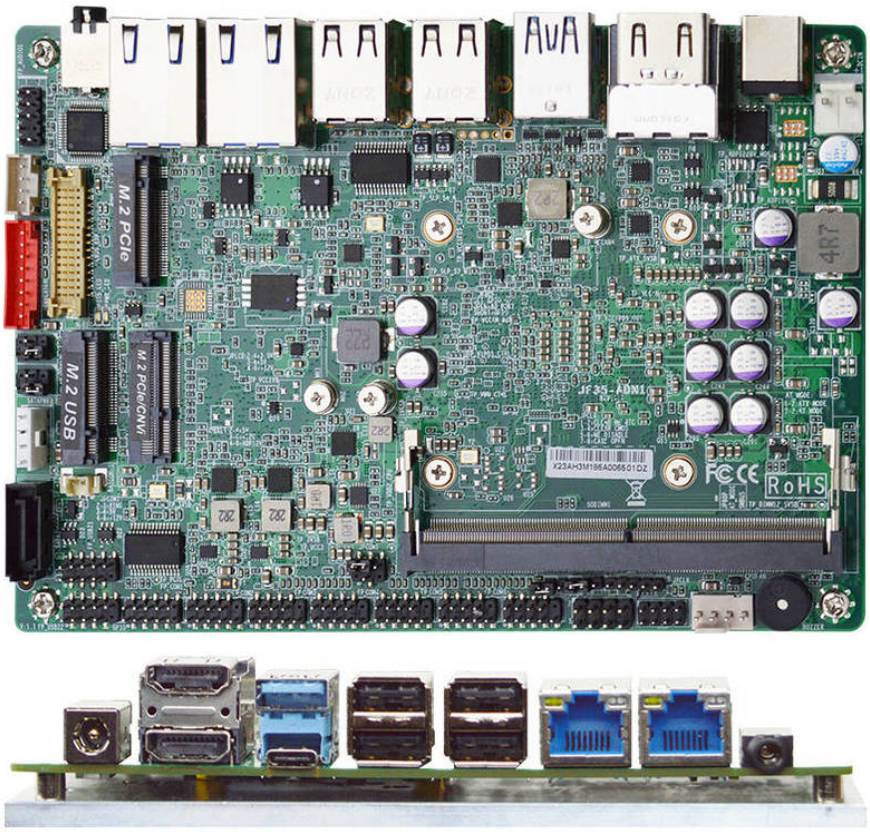


409.00 EUR
incl. 19% VAT, plus shipping

- Intel Atom N150 (Twin Lake) !
- Triple 4K Display !
- 2x 2.5GbE LAN !
- 12-28V DC Input !

- Powered by Intel® Atom® N150 Processor (Formerly Twin Lake, TDP 6W)
- High-Performance Memory: 1 x DDR5 4800MT/s SO-DIMM, up to 32GB
- Triple Display Support: 2 x 4K HDMI®, 1 x 4K USB Type-C DP, and 1 x LVDS/eDP output
- Dual 2.5GbE LAN for high-speed networking
- Storage & Expansion: 1 x M.2 M-key (NVMe), 1 x SATA III, 1 x M.2 E-key, and 1 x M.2 B-key
- Comprehensive I/O: 1 x USB 3.2 Gen 2, 1 x USB Type-C with DP Alt Mode, 8 x USB 2.0, 6 x COM
- Advanced Power Protection: Supports RVP, OCP, and OVP
- Wide Power Input: DC-in 12~28V for greater power flexibility

MB FORM FACTOR	3.5"
CPU	Onboard Intel® Atom® N150 Processor (Formerly Twin Lake, TDP 6W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
BIOS	UEFI
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
SECURITY	Intel® PTT (fTPM)
RTC BATTERY	Lithium Battery
DIMENSION (W X D)	148.0 (W) x 102.0 (D) mm (5.8″ x 4.0″)
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	

POWER REQUIREMENT	DC-in 12~28V
POWER ON MODE	AT / ATX
CONNECTOR	Internal 2-pin Header DC Jack
DISPLAY	
GPU	Intel® UHD Graphics
LVDS	1 x LVDS (Max. Resolution: 1920 x 1200 @60Hz, Co-lay eDP)
Type-C DP	1 x Type-C DP1.4a (Max Resolution: 3840 x 2160@60Hz)
HDMI®	2 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
COMBO	1 x Combo Audio Jack for Line-Out / Mic-In
AMPLIFIER	3W
LAN	
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE
USB PORT	
USB	1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 4 x USB 2.0 Internal Header for 4 x USB 2.0
SERIAL PORT	
COM	Internal Header for 1 x RS-232/422/485 Internal Header for 5 x RS-232
INTERNAL I/O	
GPIO	8-Bit
SMBUS	Yes
FAN	1 x CPU Smart Fan
FRONT PANEL	HDD Active LED Power LED Power On/Off Reset
ADDITIONAL	1 x Chassis Intrusion 1 x Audio Header
STORAGE	
SATA	1 x SATA III 1 x SATA Power Connector
EXPANSION	
M.2	1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) Support CNVi 1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module
SIM	1 x Nano SIM Card Slot
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5~ 500Hz/ Operation
OPERATING TEMPERATURE	-20°C ~ 60°C (-4°F ~ 140°F)
STORAGE TEMPERATURE	-20°C ~ 85°C (-4°F ~ 185°F)
OPERATING HUMIDITY	10 ~ 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	REACH, EU RoHS, WEEE