



339.00 EUR

incl. 19% VAT, plus shipping

- Intel SoC !
- Tripple Display !
- 12-24V Input !
- 3,5" SBC !

- Powered by Intel® J6412 SoC Processor (Elkhart Lake, TDP 10W)
- Dual DDR4 3200MHz SO-DIMM: Maximize multitasking performance
- Dual 2.5GbE LAN: High-speed networking connection
- Triple Display Support: 2 x HDMI 2.0b, 1 x eDP/LVDS (either eDP or LVDS) for versatile multi-display setups
- Comprehensive I/O: 2 x COM, 3 x USB 3.1 Gen 2, 5 x USB 2.0 ports
- Flexible Expansion: 1 x M.2 E-key 2230, 1 x M.2 B-key 3042 w/SIM slot
- Storage Options: 1 x SATA3, Optional 64GB eMMC, 1 x M.2 M-key 2242/2280
- Reliable DC Input: 12V–24V range, ideal for industrial environments

**SYSTEM**

**MB FORM FACTOR**

3.5"

**CPU**

Onboard Intel® Celeron® Processor J6412 (Formerly Elkhart Lake, TDP 10W)

**CHIPSET**

Intel® SoC

**MEMORY**

2 x DDR4 3200MHz, Dual Channel SO-DIMM, up to 32GB

**BIOS**

UEFI

**WAKE ON LAN**

Yes

**WATCHDOG TIMER**

255 Levels

**SECURITY**

TPM2.0 (dTPM, Optional)

**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 12~24V
POWER ON MODE	AT / ATX (Default) Mode
CONNECTOR	DC Jack Internal 2-pin Header
DISPLAY	
GPU	Intel® UHD Graphics
LVDS	1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1200 @60Hz, Co-lay eDP)
eDP	1 x eDP (Max Resolution: 4096 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
LAN	
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE
USB PORT	
USB	Internal Header for 2 x USB 2.0 3 x USB 3.1 3 x USB 2.0
SERIAL PORT	
COM	Internal Header for 1 x RS-232/422/485 Internal Header for 1 x RS-232
INTERNAL I/O	
GPIO	8-Bit
SMBUS	Yes
FAN	1 x 4-pin Connector for CPU Fan (PWM Mode)
FRONT PANEL	HDD Active LED Power LED Power On/Off Reset
ADDITIONAL	1 x Chassis intrusion 1 x AT/ATX Mode Selection
STORAGE	
SATA	1 x SATA III 1 x SATA Power Connector
eMMC	Onboard 64GB eMMC 5.1 (optional)
EXPANSION	
M.2	1 x M-Key 2242/2280 (SATA III/PCIe 3.0 x2) Support NVMe 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) 1 x B-Key 3042 (USB2.0/USB3.1)

SIM	1 x SIM Card Slot
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	0°C ~ 60°C (32°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