



939.00 EUR

incl. 19% VAT, plus shipping

- **Intel N355 8 Core !**
- **16GB RAM / 128GB eMMC !**
- **2x LAN !**
- **1x COM !**

- Intel® Twin Lake Core 3-N355 (8C8T) Processor
- 1 x LPDDR5-4800 (16GB)
- 1 x eMMC (128GB)
- 2 x Realtek RTL8111H-CG 1 GbE
- 1 x M.2 B Key, 1x Nano SIM, 1 x M.2 E Key slot
- 3 x USB 3.2 Gen2 and 1 x USB Type C
- 1 x HMDI, 1 x COM port
- 1 x TPM 2.0
- 8V~26V wide voltage power input

**SYSTEM**

**PROCESSOR**

Intel® Twin Lake Core 3-N355 (8C8T) Processor

**CHIPSET**

Intel® SoC Integrated

**SYSTEM MEMORY**

Industrial grade LPDDR5 4800MHz onboard type (16GB), 8533MB/s

**GRAPHICS**

Intel® UHD Graphics

**STORAGE**

1 x Industrial grade eMMC (128GB), 400MB/s

	DISPLAY INTERFACE	USB type C (DP 1.2) / HDMI 1.4
	ETHERNET	2 x Realtek RTL8111H-CG 1GbE, Option: 1x supports 802.3af and 802.3at PoE LAN(PD-Max: 25.5W, PSE-Max: 35W)
	I/O CHIPSET	Nuvoton NCT5225D
	TPM	Nuvoton NPCT760AABYX TPM2.0
	FRONT I/O	3 x USB 3.2 Gen2 / 1 x USB 3.2 type C (Support display(5V/3A) and audio) / 2x RJ45 (1x POE option for PD mode or PSE mode) / 1 x HDMI 1.4 (Vertical)
	LEFT SIDE I/O	1 x Power button / 1 x Terminal block 2pin with locked / 1x 5Px2 NP9 header as RS232/422/485
	REAR SIDE I/O	1x SIM slot hole for Nano SIM card / 2 x DIN rail hole
	EXPANSION SLOT	M.2 2242 / 3042 B key (USB2.0, SATAIII, PCIe1) with nano SIM slot /M.2 2230 E key (PCIe1, USB2.0)
	WATCHDOG TIMER	1~255 steps by software program
POWER REQUIREMENT	POWER INPUT	DC-in 8~26V (Default ATX mode, AT/ATX adjusting by BIOS)
	POWER ADAPTER	Optional DC12V / 5A / AC / DC / 60W adapter (For AC SKU)
MECHANICAL	ANTENNA	4 x SMA Antenna (Optional for WiFi / LTE function)
	THERMAL DESIGN MOUNTING	Fanless Din Rail Mount, VESA Mount (75 x 75mm) for option

DIMENSIONS (W X D X 118.5 x 80.4 x 39.5mm H)

MATERIAL Enclosure: Die Casting  
OPERATING -25 ~ 55°C with 0.7m/s  
TEMPERATURE Air Flow (w/ Wide Temp. SSD/RAM)

STORAGE -40 ~ 85°C (-40 ~185°F)  
TEMPERATURE

OPERATING 10% ~ 95% R/H (Non-  
HUMIDITY condensing)

VIBRATION Operating: 5Hz~500Hz  
RESISTANCE / 2Grms / 3Axis (w/ SSD, according to IEC60068-2-64)

SHOCK RESISTANCE Operating: 50 Grms,  
Half-sine 11 ms  
Duration (w/ SSD, according to IEC60068-2-27)

CERTIFICATION CE / FCC Class B

OS SUPPORT Windows® 11 64-bit /  
Windows® 10 64-bit /  
Ubuntu 24.04 / Linux  
(support by request)

PACKAGE 1 x Quick Installation  
Guide / 1 x Embedded  
System / 1 x Screws kit  
/ 1 x 2 pin Terminal  
Block Male Connector /  
1 x DIN-Rail Mount  
Bracket / 1x VESA  
Mount Bracket (BOM  
option) / 1 x COM port  
cable

ENVIRONMENTAL

OS

PACKING LIST