

## Front

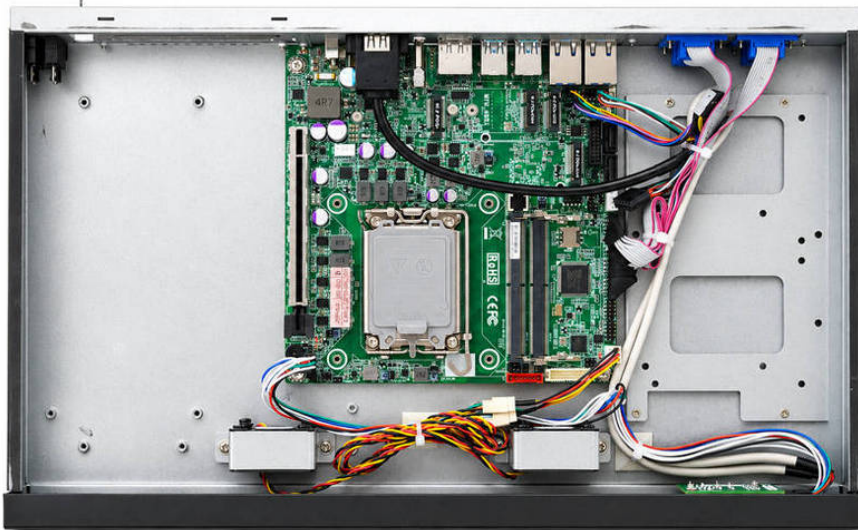
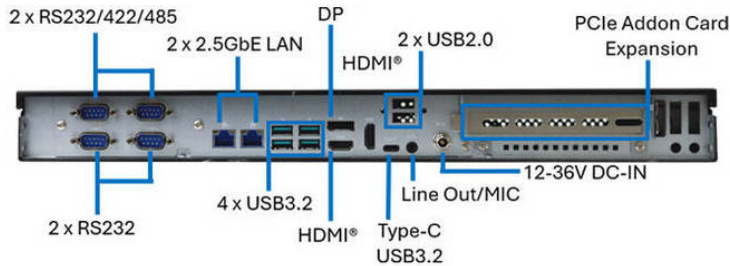


829.00 EUR

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

- Intel LGA1851 !
- Intel Q870 !
- 2 x 2.5GbE !
- 4 Display support !

## Rear



- Supports Intel® LGA1851 Socket Processors of the Arrow Lake-S series with up to 65W TDP
- High-Performance Memory: 2 x DDR5 CSO-DIMM in dual-channel mode, up to 96GB
- High-Speed Networking: 2 x 2.5GbE for fast and reliable connectivity
- Supports up to four 4K displays via 2 x HDMI®, 1 x DP and 1 x Type-C DP
- Flexible Storage & Expansion: 2 x SATA, 2 x M.2 M-Key, 1 x M.2 E-Key, 1 x M.2 B-Key and 1 x PCIe x16
- Wide Range Power Input: DC-in 12~36V for industrial applications

### SYSTEM

MB FORM FACTOR

CPU

CHIPSET

MEMORY

BIOS

WAKE ON LAN

WATCHDOG TIMER

SECURITY

Rackmount

Intel® LGA1851 Socket, Processor Arrow Lake-S (MAX. TDP 65W)

Intel® Q870

2 x DDR5 6400MT/s, Dual Channel CSO-DIMM, up to 96GB

UEFI

Yes

255 Levels

Intel® PTT (fTPM)

|                             |                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RTC BATTERY                 | Lithium Battery                                                                                                                                                                                                                                                                                                      |
| OS SUPPORT                  | Windows® 11 (64bit)<br>Linux                                                                                                                                                                                                                                                                                         |
| POWER                       |                                                                                                                                                                                                                                                                                                                      |
| POWER REQUIREMENT           | DC-in 12~36V                                                                                                                                                                                                                                                                                                         |
| POWER ON MODE               | AT / ATX (Default) Mode                                                                                                                                                                                                                                                                                              |
| DISPLAY                     |                                                                                                                                                                                                                                                                                                                      |
| GPU                         | Intel® Graphics                                                                                                                                                                                                                                                                                                      |
| Type-C DP                   | 1 x Type-C DP1.4a (Max Resolution: 4096 x 2160@60Hz)                                                                                                                                                                                                                                                                 |
| DP                          | 1 x DP1.4a (Max Resolution: 4096 x 2160@60Hz)                                                                                                                                                                                                                                                                        |
| HDMI®                       | 2 x HDMI® 2.1 TMDS (Max Resolution: 4096 x 2160@60Hz)                                                                                                                                                                                                                                                                |
| MULTIPLE DISPLAY            | Support 4 Displays                                                                                                                                                                                                                                                                                                   |
| AUDIO                       |                                                                                                                                                                                                                                                                                                                      |
| CODEC                       | Realtek codec                                                                                                                                                                                                                                                                                                        |
| AMPLIFIER                   | 3W                                                                                                                                                                                                                                                                                                                   |
| LAN                         |                                                                                                                                                                                                                                                                                                                      |
| ETHERNET                    | 1 x RJ45 for Intel® I226-V 2.5GbE<br>1 x RJ45 for Intel® I226-LM 2.5GbE                                                                                                                                                                                                                                              |
| SYSTEM I/O                  |                                                                                                                                                                                                                                                                                                                      |
|                             | 2 x RJ45<br>4 x USB3.2 (Gen 2)<br>2 x USB 2.0<br>1 x USB 3.2 Gen 2 Type-C support DP1.4a display output<br>2 x HDMI®<br>1 x DP<br>1 x Audio (Line out, MIC Combo)<br>1 x DC-in (Lockable)<br>2 x RS-232<br>2 x RS-232/422/485<br>1 x Power Button<br>1 x Reset Button<br>1 x Power LED<br>1 x HDD LED<br>2 x USB 2.0 |
| REAR PANEL I/O              |                                                                                                                                                                                                                                                                                                                      |
|                             |                                                                                                                                                                                                                                                                                                                      |
| FRONT PANEL I/O             |                                                                                                                                                                                                                                                                                                                      |
|                             |                                                                                                                                                                                                                                                                                                                      |
| STORAGE                     |                                                                                                                                                                                                                                                                                                                      |
| SATA                        | 2 x 2.5" SATA 6Gb/s internal drive bay (only Support 2.5" HDD with a height ? 10mm)                                                                                                                                                                                                                                  |
| RAID                        | Intel® VMD RAID 0, 1 or SATA RAID 0, 1, 5                                                                                                                                                                                                                                                                            |
| EXPANSION                   |                                                                                                                                                                                                                                                                                                                      |
| PCIe                        | 1 x PCIe x16<br>1 x M-Key 2242 (PCIe Gen 4 x4) support NVMe<br>1 x M-Key 2280 (PCIe Gen 4x4 w/ SATA interface) support NVMe<br>1 x E-Key 2230 (USB 2.0/PCIe Gen 4 x1) Support CNVio<br>1 x B-Key 3042/3052 (PCIe Gen 4x1/USB3.2/USB 2.0) Support 4G/5G Module                                                        |
| M.2                         | 1 x Nano SIM Card Slot                                                                                                                                                                                                                                                                                               |
| SIM                         |                                                                                                                                                                                                                                                                                                                      |
| MECHANICAL                  |                                                                                                                                                                                                                                                                                                                      |
| DIMENSIONS (W x H x D)      | 430.0 (W) x 252.0 (D) x 44.0 (H) mm                                                                                                                                                                                                                                                                                  |
| GROSS WEIGHT                | 4.2kg                                                                                                                                                                                                                                                                                                                |
| NET WEIGHT                  | 5.2kg                                                                                                                                                                                                                                                                                                                |
| CONSTRUCTION                | Metal Heatsink + Metal Chassis                                                                                                                                                                                                                                                                                       |
| ENVIRONMENT & CERTIFICATION |                                                                                                                                                                                                                                                                                                                      |
| SHOCK                       | 15G, 11ms duration                                                                                                                                                                                                                                                                                                   |
| DROP                        | ISTA PROJECT 1A                                                                                                                                                                                                                                                                                                      |
| VIBRATION                   | 1 Grms/ 5~ 500Hz/ Operation                                                                                                                                                                                                                                                                                          |

|                       |                                            |
|-----------------------|--------------------------------------------|
| OPERATING TEMPERATURE | 0°C ~ 50°C (32°F ~ 122°F)                  |
| STORAGE TEMPERATURE   | -40°C ~ 85°C (-40°F ~ 185°F)               |
| OPERATING HUMIDITY    | 10 ~ 90% Relative Humidity, Non-condensing |
| STORAGE HUMIDITY      | 10 ~ 90% @40°C, Non-condensing             |