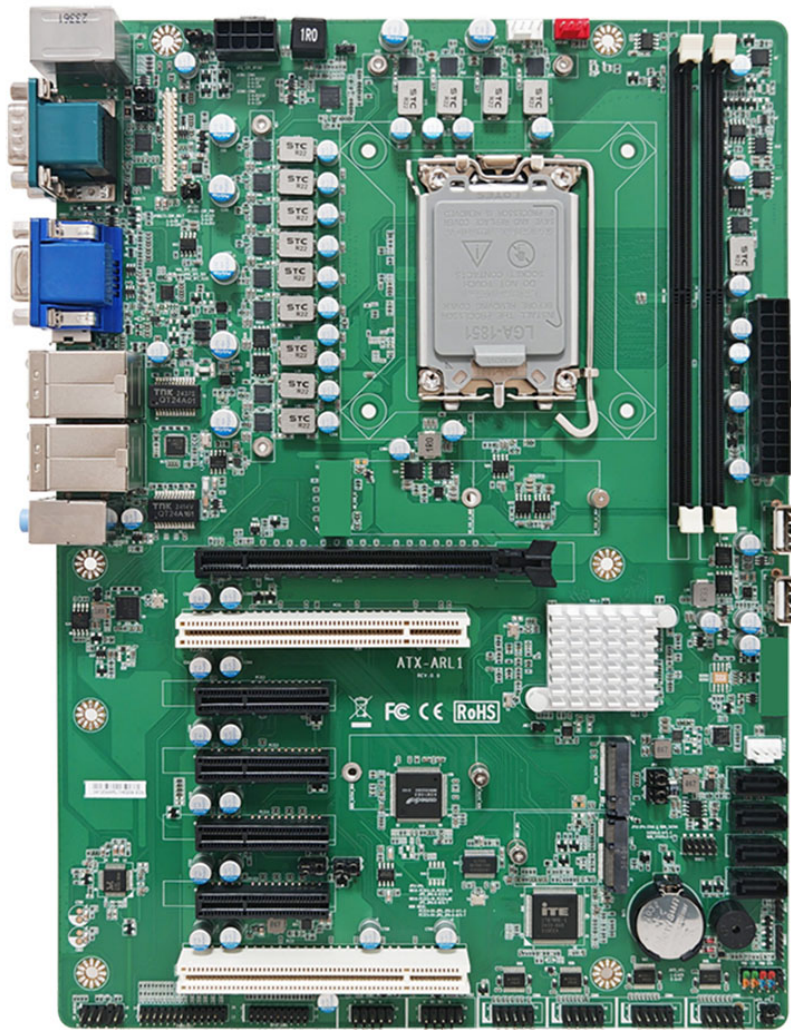


0.00 EUR

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

- Intel Core Ultra Processors (Series 2) !
- H810 Chipset !
- 6 x COM, 6 x USB3.2 (Gen.1) !
- ATX-ARL1-H81002A1 !



- Powered by Intel® Core™ Ultra processors (Arrow Lake-S) with H810 chipset
- 2 x DDR5 6400MT/s UDIMM up to 96GB
- 1 x VGA, 1 x HDMI®, 1 x DP
- 1 x 2.5GbE LAN, 1 x GbE LAN
- 6 x COM, 4 x USB3.2 (Gen.1), 6 x USB2.0, 2 x USB2.0 Type-A■Vertical■
- 1 x M.2 M-key, 2242/2280 (SATA Interface), 1 x M.2 E-key, 2230 (CNVi/USB2.0 Interface)
- 1 x PCI-Ex16(Gen.4), 1 x PCI-Ex4 (Gen.4), 3 x PCI-Ex1(Gen.4), 2 x PCI
- Intel® PTT (fTPM) & TPM 2.0 (dTPM)

SYSTEM

MB FORM FACTOR

CPU

CHIPSET

ATX

Intel® LGA1851 Socket Ultra 9/7/5th Gen Processor (Max. TDP 125W)

Intel® Arrow lake-S H810 Chip

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| MEMORY            | 2 x DDR5 6400MT/s, Dual Channel U-DIMM, up to 96GB                                                                    |
| BIOS              | UEFI                                                                                                                  |
| WAKE ON LAN       | Yes                                                                                                                   |
| WATCHDOG TIMER    | 255 Levels                                                                                                            |
| SECURITY          | Intel® PTT (Integrated fTPM) & TPM 2.0 (dTPM)                                                                         |
| RTC BATTERY       | Lithium Battery                                                                                                       |
| DIMENSION (W X D) | 305.0 (W) x 220.0 (D) mm (12" x 8.7")                                                                                 |
| OS SUPPORT        | Windows® 11 (64bit)<br>Windows® 10 (64bit)<br>Linux                                                                   |
| POWER             |                                                                                                                       |
| POWER REQUIREMENT | ATX Power Supply                                                                                                      |
| POWER ON MODE     | AT / ATX (Default) Mode                                                                                               |
| CONNECTOR         | 24+8-pin ATX PWR                                                                                                      |
| DISPLAY           |                                                                                                                       |
| GPU               | Intel® HD Graphics                                                                                                    |
| DP                | 1 x DP2.1 (Max Resolution: 7680 x 4320@60Hz)                                                                          |
| HDMI®             | 1 x HDMI® 2.0 (Max Resolution: 4096 x 2304@60Hz)                                                                      |
| VGA               | 1 x VGA (Max Resolution: 1920 x 1080 @60Hz)                                                                           |
| MULTIPLE DISPLAY  | Support 3 Displays                                                                                                    |
| AUDIO             |                                                                                                                       |
| CODEC             | Realtek ALC897                                                                                                        |
| Line-in           | 1 x Audio Jack for Line-In                                                                                            |
| Line-out          | 1 x Audio Jack for Line-Out                                                                                           |
| MIC-in            | 1 x Audio Jack for MIC-In                                                                                             |
| LAN               |                                                                                                                       |
| ETHERNET          | 1 x RJ45 for Intel® I226-V 2.5GbE<br>1 x RJ45 for Intel® I219-V GbE                                                   |
| USB PORT          |                                                                                                                       |
| USB               | 4 x USB 3.2 Gen 1<br>2 x USB 2.0<br>Internal Header for 4 x USB 2.0<br>Internal USB Type A (Vertical) for 2 x USB 2.0 |
| SERIAL PORT       |                                                                                                                       |
| COM               | Internal Header for 4 x RS-232<br>2 x DB-9 for RS-232/422/485                                                         |
| INTERNAL I/O      |                                                                                                                       |
| GPIO              | 16 bit GPIO (5V) Co-lay LPT                                                                                           |
| SMBUS             | Yes                                                                                                                   |
| FAN               | 1 x CPU Fan Header<br>2 x System Fan Header<br>HDD Active LED<br>Power LED<br>Power On/Off<br>Reset                   |
| FRONT PANEL       | 1 x Chassis intrusion<br>1 x AT/ATX Mode Selection                                                                    |
| ADDITIONAL        |                                                                                                                       |
| STORAGE           |                                                                                                                       |
| SATA              | 4 x SATA III                                                                                                          |
| EXPANSION         |                                                                                                                       |
| M.2               | 1 x M-key 2242/2280 (SATA interface, Co-lay SATA4)<br>1 x E-Key 2230 (USB2.0 + CNVi interface)                        |

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|                             |                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| PCIe                        | 1 x PCIe x16 (Gen.4)<br>4 x PCI-Ex4 slots (Gen.4, PCIE2/PCIE3: PCI-Ex1, PCIE5 : PCI-Ex4<br>or PCIE2/PCIE3/PCIE4: PCI-Ex1, PCIE5 : PCI-Ex2 )<br>2 x PCI |
| OTHERs                      |                                                                                                                                                        |
| OTHER                       | 1 x PS/2                                                                                                                                               |
| ENVIRONMENT & CERTIFICATION |                                                                                                                                                        |
| OPERATING TEMPERATURE       | 0°C ~ 60°C (32°F ~ 140°F)                                                                                                                              |
| STORAGE TEMPERATURE         | -20°C ~ 70°C (-4°F ~ 158°F)                                                                                                                            |
| OPERATING HUMIDITY          | 10 ~ 90% relative humidity, non-condensing                                                                                                             |
| CERTIFICATION               | CE/FCC Class A<br>LVD                                                                                                                                  |
| ESG DECLARATION             | EU RoHS<br>REACH                                                                                                                                       |