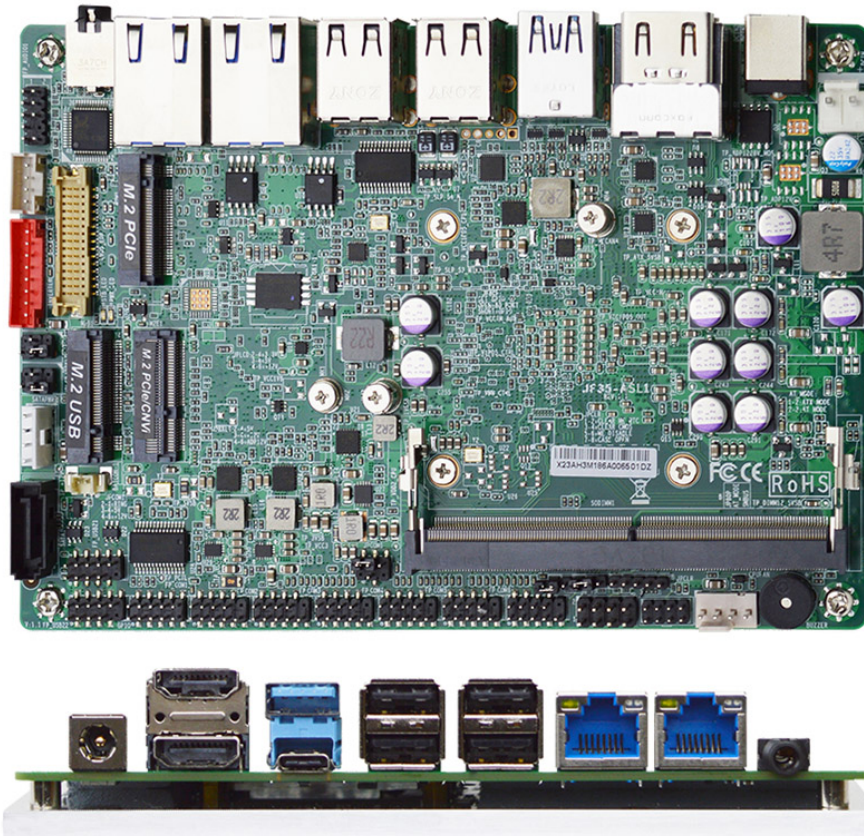




439.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel ATOM SoC !
- Tripple Display !
- 12-28V Input !
- 3,5" SBC !

- Powered by Intel® Atom X-series Processor(Formerly Amston Lake, TDP 9W)
- High-Performance Memory: 1 x DDR5 4800MHz 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 2.5GE LAN for high-speed networking
- Flexible storage and expansion option: 1 x SATA III, 1 x M.2 M-key, 1 x M.2 B-key, 1 x M.2 E-key
- Comprehensive I/O: 1 x USB 3.2 Gen 2, 1 x USB Type-C (ALT), 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® x7433RE Processor (Formerly Amston Lake, TDP 9W)<br>For additional compatible CPUs, please contact regional sales |
| CHIPSET           | Intel® SoC                                                                                                                            |
| MEMORY            | 1 x DDR5 4800MHz, Single 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)<br>Windows® 10 (64bit)<br>Linux                                                                                   |

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| POWER                       |                                                                                                   |
| POWER REQUIREMENT           | DC-in 12~28V                                                                                      |
| POWER ON MODE               | AT / ATX (Default) Mode                                                                           |
| CONNECTOR                   | Internal 2-pin Header                                                                             |
| DISPLAY                     |                                                                                                   |
| GPU                         | Intel® UHD Graphics                                                                               |
| LVDS                        | 1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1080 @60Hz / Co-Lay eDP)                    |
| Type-C DP                   | 1 x Type-C DP1.4a (Max Resolution: 4096 x 2304@60Hz)                                              |
| HDMI                        | 1 x HDMI 2.0b (Max Resolution: 4096 x 2160@60Hz), 1 x HDMI 1.4 (Max Resolution: 4096 x 2160@30Hz) |
| 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                    |                                                                                                   |
|                             | Internal Header for 4 x USB 2.0                                                                   |
| USB                         | 4 x USB 2.0                                                                                       |
|                             | 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)                                              |
| 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 4-pin Connector for System Fan (PWM Mode)                                                     |
|                             | HDD Active LED                                                                                    |
|                             | Power LED                                                                                         |
| FRONT PANEL                 | Power On/Off                                                                                      |
|                             | Reset                                                                                             |
|                             | 1 x Chassis intrusion                                                                             |
| ADDITIONAL                  | 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                   |                                                                                                   |
|                             | 1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module                                            |
| M.2                         | 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1)                                                              |
|                             | 1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe                                                         |
| 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                                                                                    |