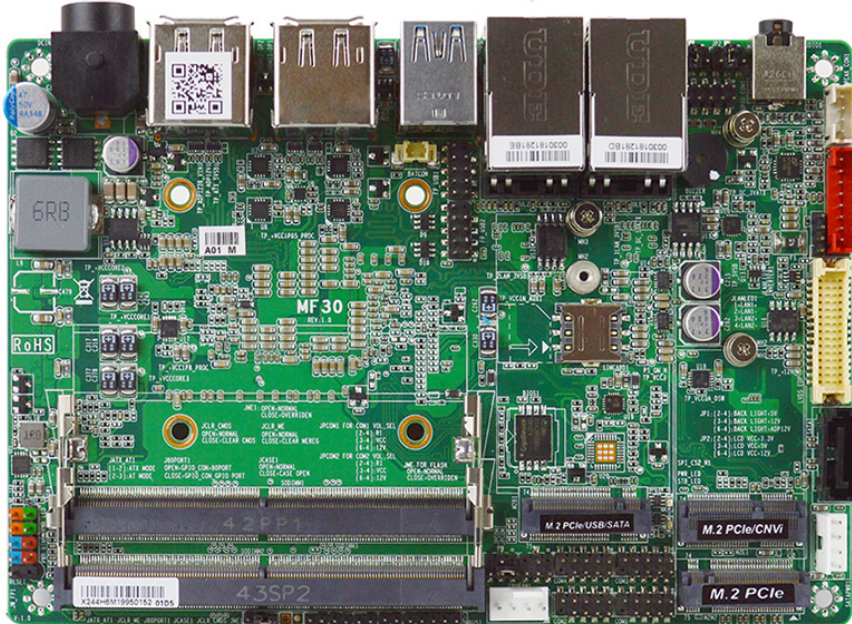
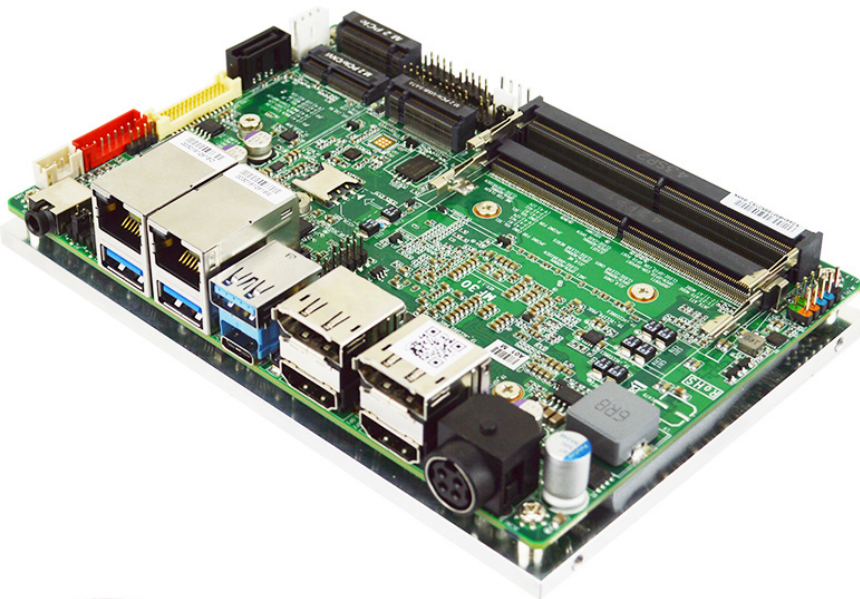


769.00 EUR

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

- Intel i3-1335U !
- 3,5" SBC !
- 2x LAN !
- 2x HDMI, 2x dP !



- 2 x DDR5 SODIMM Slot, up to 64GB
- 2 x 2.5GbE
- 1 x SATA3, 1 x M.2 M-key (2242/2280)
- 1 x M.2 E-key(2230), 1 x M.2 B-key(3042/3052)
- 3 x USB 3.2 Gen2, 4 x USB2.0, 1 x USB Type C
- 2 x RS232/422/485, 2 x RS232
- 2 x HDMI, 2 x DP, 1 x Type C DP, 1 x LVDS
- DC Input 12~36V

## SYSTEM

FORM FACTOR

3.5" SubCompact Board

|                     |                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                 | Onboard Intel® 13th Generation Intel® Core™ /U-series Processor SoC (formerly Raptor Lake U)<br>Intel® Core™ i5-1335U<br>*For additional compatible CPUs, please contact regional sales |
| CPU TDP             | 15W                                                                                                                                                                                     |
| CHIPSET             | Integrated with Intel® SoC                                                                                                                                                              |
| MEMORY TYPE         | 2 x DDR5 4800MHz, Dual Channel SODIMM, up to 64GB                                                                                                                                       |
| BIOS                | UEFI                                                                                                                                                                                    |
| WAKE ON LAN         | Yes                                                                                                                                                                                     |
| WATCHDOG TIMER      | 255 Levels                                                                                                                                                                              |
| SECURITY            | TPM2.0 (Optional)                                                                                                                                                                       |
| RTC BATTERY         | Lithium Battery                                                                                                                                                                         |
| DIMENSION (L X W)   | 148mm x 102mm (5.75" x 4")                                                                                                                                                              |
| OS SUPPORT          | Windows® 10 (64bit), Windows® 11 (64bit)<br>Linux                                                                                                                                       |
| <b>POWER</b>        |                                                                                                                                                                                         |
| POWER REQUIREMENT   | DC 12~36V                                                                                                                                                                               |
| POWER SUPPLY TYPE   | AT/ATX                                                                                                                                                                                  |
| CONNECTOR           | DC-in jack                                                                                                                                                                              |
| <b>DISPLAY</b>      |                                                                                                                                                                                         |
| CONTORLLER          | Intel® Iris Xe Graphics                                                                                                                                                                 |
| LVDS/eDP/MIPI-DSI   | 1 x LVDS, up to 1920 x 1200 60Hz, co-lay eDP                                                                                                                                            |
| DISPLAY INTERFACE   | 2 x HDMI 2.0b, up to 4K x 2K 60Hz<br>2 x DP1.4, up to 4K x 2K 60Hz<br>1 x Type C DP1.4, up to 4K x 2K 60Hz                                                                              |
| MULTIPLE DISPLAY    | Support 4 Displays                                                                                                                                                                      |
| <b>AUDIO</b>        |                                                                                                                                                                                         |
| CODEC               | Realtek ALC897                                                                                                                                                                          |
| AUDIO INTERFACE     | 1 x external Line-out/MIC Combo                                                                                                                                                         |
| SPEAKER             | 1 x internal speaker                                                                                                                                                                    |
| <b>EXTERNAL I/O</b> |                                                                                                                                                                                         |
| ETHERNET            | 1 x Intel® i226V, 10/100/2500Base<br>1 x Intel® i226LM, 10/100/2500Base                                                                                                                 |
| USB                 | 3 x USB3.2 Gen 2<br>1 x USB3.2 Gen 2 Type C support DP ALT mode                                                                                                                         |
| SERIAL PORT         | —                                                                                                                                                                                       |
| VIDEO               | 2 x HDMI 2.0b<br>2 x DP1.4<br>1 x Type C (ALT mode)                                                                                                                                     |
| <b>INTERNAL I/O</b> |                                                                                                                                                                                         |
| USB                 | 4 x USB2.0                                                                                                                                                                              |
| SERIAL PORT         | 2 x RS232/422/485 (COM1/COM2)<br>2 x RS232 (COM3/COM4)                                                                                                                                  |
| GPIO                | 8-Bit                                                                                                                                                                                   |
| SMBUS               | Yes                                                                                                                                                                                     |
| FAN                 | 1 x CPU Fan                                                                                                                                                                             |
| SIM                 | 1 x Nano SIM                                                                                                                                                                            |

|                                        |                                                                                                                                                   |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| FRONT PANEL                            | HDD LED<br>PWR LED<br>Power Button<br>Reset                                                                                                       |
| OTHERS                                 | 1 x Chassis intrusion<br>1 x AT mode                                                                                                              |
| <b>STORAGE</b>                         |                                                                                                                                                   |
| SATA                                   | 1 x SATA3<br>1 x SATA Power Connector                                                                                                             |
| MINI PCI-E/MSATA                       | —                                                                                                                                                 |
| M.2                                    | 1 x M-Key 2242/2280 (PCIe 4.0 x4) support NVMe                                                                                                    |
| eMMC                                   | —                                                                                                                                                 |
| <b>EXPANSION</b>                       |                                                                                                                                                   |
| M.2                                    | 1 x E-key 2230 (USB2.0/PCIe 3.0×1) support CNVi<br>1 x B-key 3042/3052 (USB 3.2/USB3.0) for 4G/5G/LTE OR 1 x B+M-key 2242 (SATA/PCIe 3×1) for SSD |
| OTHERS                                 | —                                                                                                                                                 |
| <b>ENVIRONMENT &amp; CERTIFICATION</b> |                                                                                                                                                   |
| OPERATING TEMPERATURE                  | -20°C ~ 60°C (-4°F ~ 140°F)                                                                                                                       |
| STORAGE TEMPERATURE                    | -20°C ~ 85°C (-4°F ~ 185°F)                                                                                                                       |
| OPERATING HUMIDITY                     | 10~90% RH (non-condensing)                                                                                                                        |
| STORAGE HUMIDITY                       | 0~95% RH (non-condensing)                                                                                                                         |
| CERTIFICATION                          | Meet CE/FCC Class A                                                                                                                               |