



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

Minimum order quantity 200 units.

- Intel® Apollo lake-J3455/1.5GHz/QC Processor
- Onboard 4G DDR3L/1600Mhz DRAM■Max 8GB■
- 2 x Intel® i211AT 10/100/1000Base-T Ethernet
- 12 x RS-232/ 485 ports with automatic flow control
- 12 x COM support 5V/12V voltage regulation
- VGA,HDMI support 2 x independent displays
- Audio with MIC, Line in, Line out
- 8 x USB ports (4 x USB3.0)
- 8 bit GPIO support 5V/12V
- The system support cableless and Fanless
- 9~36V wide input voltage can meet the needs of different industries

| General               |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Certification         | - FCC, CE, ROHS                                                           |
| Dimensions(W x D x H) | - 223x170x87.5mm                                                          |
| Mounting              | - Stand mount, Enclosure mount                                            |
| Weight(Net)           | - 1.8Kg                                                                   |
| Power Requirements    | - 9~36VDC                                                                 |
| Power Consumption     | - Typical 11.3W, Max. 20.2W                                               |
| OS Support            | - Windows 10, Linux                                                       |
| Hardware              |                                                                           |
| BIOS                  | - AMI 128Mbit Flash BIOS                                                  |
| CPU                   | - Intel® Apollo Lake J3455/1.50GHz/QC Processor                           |
| System Chip           | - Intel® Apollo Lake J3455 SOC                                            |
| Memory                | - Onboard Samsung 4GB DDR3L/1600MHz Dram (Max 8GB)                        |
| Graphics              | - Intel® HD Graphics 500                                                  |
| Ethernet              | - 2* Intel® i211AT GbE                                                    |
| Storage               | - 1* built in 2.5" SATA HDD bracket                                       |
| Expansion             | - 1* M.2 socket (2242/2260/2280 size)                                     |
|                       | - 1* Full size Mini PCI-e                                                 |
| I/O Interface         |                                                                           |
| Power Connector       | - 1 x 3 Pin, terminal Block with lock                                     |
| Serial Port           | - 12 x RS-232/485 with DB9 connectors, automatic RS-485 data flow control |
|                       | - Support 5V/12V voltage regulation                                       |

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Display              | - 1 x VGA, support 1920 x 1200@60Hz               |
|                      | - 1 x HDMI 1.4b, support 3840 x 2160@30Hz         |
| LAN Port             | - 2 x RJ45, 10/100/1000 Mbps                      |
| USB Port             | - 4 x USB3.0 Ports, 4 x USB2.0 Ports              |
| Audio                | - MIC, Line-in, Line-out                          |
| Digital I/O          | - 8 bit programmable general purpose input/output |
|                      | - Support 5V/12V voltage regulation               |
| Power Button         | - 1 x Power Button                                |
| Rest Button          | - NA                                              |
| LED                  | - 1 x Power LED, 1 x HDD LED                      |
| <b>Environment</b>   |                                                   |
| Temperature          | - Operating: -10°C ~ 60°C                         |
|                      | - Storage: -20°C ~ 70°C                           |
| Relative Humidity    | - 10~90% RH, non-condensing                       |
| Vibration Protection | - Operating , IEC 60068-2-64-2008                 |
|                      | - 5.1Grms, random,5~500Hz,1hr/axes■SSD■           |
| Shock Protection     | - Operating , IEC 60068-2-27-2008                 |
|                      | - 30G,half sine wave,11ms(SSD)                    |
| CE Protection        | - EN 55032 : 2015                                 |
|                      | - EN 55024 : 2010 + A1 : 2015                     |
|                      | - EN 61000-3-2 : 2014                             |
|                      | - EN 61000-3-3 : 2013                             |