



1139.00 EUR

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

- Intel Whiskey Lake !
- Robust !
- DIN-Rail Mount !
- Fanless !

Support:  [Datasheet](#)

The HM-5000 series Fanless system features the Intel Gen. 8th/10th Core I Processor power, with rich IO and excellent heat dissipation solution. HM-5000S series supports 12~36V power and Over-voltage & Over-current protection, and remote power switch by terminal block connection.

The superior HM-5000 features full rugged industrial designs: 5KV 16-bit GPIO with optical isolation; 4\* PoE GbE compliance with IEEE802.3af/at protocol; and 2\* additional Intel GbE.

HM-5000 supports rich internal IO options: Dual Channel SODIMM, M.2 M Key with support NVMe SSD, M.2E Key for Wi-Fi6 Module installation, and M.2 B Key for 4G/5G module connection in a compact size.

- Intel Gen. 8th/10th Core i U-Series CPU
- 2\* SO-DIMM DDR4 2400/2133 Dram (Max 64GB)
- 2\* RS232/422/485, 2\* GbE, 4\* PoE GbE

- 16-bit GPIO 5KV optical isolation
- Support 4G/5G (M.2 B Key + Nano SIM Holder) Module, Wi-Fi6 Module (M.2 E Key)
- 12~36V DC-in with OCP/OVP
- Remote Power Switch Design

|                            |                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                      | <ul style="list-style-type: none"> <li>– HM-5002 (vPRO Model)</li> <li>– HM-5004 (Default)</li> <li>– HM-5007 (Essential Model)</li> </ul>                                                                                                                                                    |
| <b>General</b>             |                                                                                                                                                                                                                                                                                               |
| Certification              | – FCC, CE, ROHS                                                                                                                                                                                                                                                                               |
| Dimensions                 | – 216.8 x 124 x 86mm (W x D x H)                                                                                                                                                                                                                                                              |
| Mounting                   | – Wall Mount, Din Rail Mount                                                                                                                                                                                                                                                                  |
| Power Requirements         | – 12 ~ 36VDC                                                                                                                                                                                                                                                                                  |
| Power Consumption          | – Change according to CPU                                                                                                                                                                                                                                                                     |
| OS Support                 | – Windows 10/11, Linux                                                                                                                                                                                                                                                                        |
| <b>Hardware</b>            |                                                                                                                                                                                                                                                                                               |
| BIOS                       | – AMI 128Mbit Flash BIOS                                                                                                                                                                                                                                                                      |
| CPU                        | <ul style="list-style-type: none"> <li>– HM-5002 (8365Ue, vPRO Model): Intel® Whiskey Lake Mobile U i5-8365Ue</li> <li>– HM-5004 (8265U, Default): Intel® Whiskey Lake Mobile U i5-8265U</li> <li>– HM-5007 (4305Ue, Essential Model): Intel® Whiskey Lake Mobile U Celeron 4305Ue</li> </ul> |
| Memory                     | – 2* SO-DIMM DDR4 2400/2133 Dram (Max 64GB)                                                                                                                                                                                                                                                   |
| Graphics                   | – Intel® UHD Graphics (by CPU)                                                                                                                                                                                                                                                                |
| Ethernet                   | <ul style="list-style-type: none"> <li>– 1* Intel® i219LM GbE</li> <li>– 1* Intel® i211V GbE</li> <li>– <b>4* PoE GbE (I350AM4)</b></li> </ul>                                                                                                                                                |
| Storage                    | <ul style="list-style-type: none"> <li>– 1* 2.5" external cold-swap SATA3 bay</li> <li>– 1* M.2 M key (2242/2280 size, SATA or NVMe interface for SSD)</li> </ul>                                                                                                                             |
| Expansion                  | <ul style="list-style-type: none"> <li>– 1* M.2 E key (2230 size, CNVi interface for WIFI/BT)</li> <li>– 1* M.2 B key (3042/3052 size for 3G/4G/5G Module)</li> </ul>                                                                                                                         |
| <b>Front I/O Interface</b> |                                                                                                                                                                                                                                                                                               |
| Serial Port                | – 2* RS-232/422/485 with DB9 connectors, automatic RS-485 data flow control                                                                                                                                                                                                                   |
| Display                    | <ul style="list-style-type: none"> <li>– 1* HDMI 1.4b, support 4096 x 2304@30Hz</li> <li>– 1* DP 1.2, support 4096 x 2304@60Hz</li> </ul>                                                                                                                                                     |
| LAN                        | <ul style="list-style-type: none"> <li>– 2* RJ45, 10/100/1000 Mbps</li> <li>– <b>4* RJ45 PoE 10/100/1000 Mbps, support IEEE802.3AF/AT (up to 100W)</b></li> </ul>                                                                                                                             |
| GPIO                       | – 16 bit GPIO <b>5KV optical isolation</b> (5V/12V)                                                                                                                                                                                                                                           |
| USB                        | <ul style="list-style-type: none"> <li>– 2* USB3.0</li> <li>– 2* USB2.0</li> </ul>                                                                                                                                                                                                            |
| LED                        | <ul style="list-style-type: none"> <li>– 4* PoE LED</li> <li>– 1* Power LED</li> <li>– 1* HDD LED</li> </ul>                                                                                                                                                                                  |
| Power Button               | – 1* power button (Power LED)                                                                                                                                                                                                                                                                 |
| <b>Side I/O Interface</b>  |                                                                                                                                                                                                                                                                                               |
| Power Connector            | <ul style="list-style-type: none"> <li>– 1* 3 Pin, terminal Block with lock for Main board</li> <li>– <b>1* 3 Pin, terminal Block with lock for 4x PoE LAN</b></li> </ul>                                                                                                                     |
| Front Power Button         | – 1* 2Pin for remote power switch function                                                                                                                                                                                                                                                    |
| <b>Environment</b>         |                                                                                                                                                                                                                                                                                               |

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Temperature           | – Operating■-10 ~ 50°C<br>– Storage■ -20 ~ 70°C                                                                                        |
| Relative Humidity     | – 10 ~ 90% RH, non-condensing                                                                                                          |
| CE/LVD/FCC Protection | – EN 55032 : 2015<br>– EN 55035 : 2017<br>– EN 61000-3-2 : 2019<br>– EN 61000-3-3 : 2013 + A1 : 2019<br>– EN 62368-1:2014 + A11 : 2017 |