



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                      | – HM-5002 (vPRO Model)<br>– HM-5004 (Default)<br>– HM-5007 (Essential Model)  |
| <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                        | – HM-5002 (8365Ue, vPRO Model): Intel® Whiskey Lake Mobile U i5-8365Ue<br>– HM-5004 (8265U, Default): Intel® Whiskey Lake Mobile U i5-8265U<br>– HM-5007 (4305Ue, Essential Model): Intel® Whiskey Lake Mobile U Celeron 4305Ue |
| Memory                     | – 2* SO-DIMM DDR4 2400/2133 Dram (Max 64GB)   |
| Graphics                   | – Intel® UHD Graphics (by CPU)  |
| Ethernet                   | – 1* Intel® i219LM GbE<br>– 1* Intel® i211V GbE<br>– 4* PoE GbE (I350AM4)   |
| Storage                    | – 1* 2.5" external cold-swap SATA3 bay<br>– 1* M.2 M key (2242/2280 size, SATA or NVMe interface for SSD)   |
| Expansion                  | – 1* M.2 E key (2230 size, CNVi interface for WIFI/BT)<br>– 1* M.2 B key (3042/3052 size for 3G/4G/5G Module)   |
| <b>Front I/O Interface</b> |   |
| Serial Port                | – 2* RS-232/422/485 with DB9 connectors, automatic RS-485 data flow control   |
| Display                    | – 1* HDMI 1.4b, support 4096 x 2304@30Hz<br>– 1* DP 1.2, support 4096 x 2304@60Hz   |
| LAN                        | – 2* RJ45, 10/100/1000 Mbps<br>– 4* RJ45 PoE 10/100/1000 Mbps, support IEEE802.3AF/AT (up to 100W)  |
| GPIO                       | – 16 bit GPIO 5KV optical isolation (5V/12V)  |
| USB                        | – 2* USB3.0<br>– 2* USB2.0  |
| LED                        | – 4* PoE LED<br>– 1* Power LED<br>– 1* HDD LED  |
| Power Button               | – 1* power button (Power LED)   |
| <b>Side I/O Interface</b>  |   |
| Power Connector            | – 1* 3 Pin, terminal Block with lock for Main board<br>– 1* 3 Pin, terminal Block with lock for 4x PoE LAN  |
| 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 |