



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>– 4* PoE GbE (I350AM4)</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>– 4* RJ45 PoE 10/100/1000 Mbps, support IEEE802.3AF/AT (up to 100W)</li> </ul>
GPIO	– 16 bit GPIO 5KV optical isolation (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>– 1* 3 Pin, terminal Block with lock for 4x PoE LAN</li> </ul>
Front Power Button	– 1* 2Pin for remote power switch function
<b>Environment</b>	

Temperature	<ul style="list-style-type: none"><li>- Operating -10 ~ 50°C</li><li>- Storage -20 ~ 70°C</li></ul>
Relative Humidity	<ul style="list-style-type: none"><li>- 10 ~ 90% RH, non-condensing</li></ul>
CE/LVD/FCC Protection	<ul style="list-style-type: none"><li>- EN 55032 : 2015</li><li>- EN 55035 : 2017</li><li>- EN 61000-3-2 : 2019</li><li>- EN 61000-3-3 : 2013 + A1 : 2019</li><li>- EN 62368-1:2014 + A11 : 2017</li></ul>