



HAWK-3I140HW

+8CH GMSL+Anti-Vibration kit

Fanless Embedded Computer with Intel® Core™ Ultra Series 2 (Meteor Lake-U/H) (Arrow Lake-U/H) processor

Features:

- Intel® Core™ Ultra 200S (7/5 processors) ; (Meteor Lake-U/H) (Arrow Lake-U/H)
- 2 x DDR5 SODIMM, Max 64GB
- Multiple Independent display:
1 x HDMI® ; 1 x Type C DP ALT Mode
- 3 x Intel 2.5 GbE LAN, 4 x USB 3.2, 1 x Type C USB 3.2
- 1 x M.2 M Key, 2 x M.2 B Key, 1 x Nano SIM
- High Speed Connector (PCIe x 2)
- 4 x COM, 8CH GMSL (2 x MIPI-CSI / GM04)
- Wide Range DC-IN

Specifications :

Motherboard	3I140HW
CPU	Intel® Core™ Ultra 200S (7/5 processors)
Chipset	Meteor Lake-U/H ; Arrow Lake-U/H
Memory	2 x DDR5 SODIMM, Max 64 GB
Storage	M.2-SSD, 1 x Mobile Rack (Option), HDD / SSD
Expansion slots	1 x M.2 M key Type 3080 (PCIe x 4), Support NVMe, (OEM to Type 3042) 1 x M.2 B key Type 2242 / 3042 (USB 3.2 / USB 2.0) (OEM to Type 3052) 1 x M.2 B key Type 2242 / 3042 (SATA / PCIe / USB 2.0) High Speed Connector: (1* PCIe x 2) 1 x Nano SIM
I/O ports	Network 3 x Intel 2.5GbE I226-IT (M12 Type) USB 4 x USB 3.2, 1 x Type C USB 3.2 GMSL Camera 8 CH GMSL camera input Serial ports 4 x RS232 / 422 / 485 (M12 Type) Display 1 x HDMI® ; 1 x Type C DP ALT Mode
Optional Modules & Accessory	*SATA Kit *VESA Mounting Kit *System Mounting Kit
OS Support	Windows® 10 IOT ; Windows® 11 IOT Ubuntu 22.04 above, Fedora 36 above

Mechanical

Dimensions	220W x 172.6D x 80H mm 300W x 216D x 106.8H mm (Anti-vibration Kit)
Weight	3.6kg
Mounting	*System Mount *VESA Mount
Power	
DC input	Wide Range DC IN +9~36V
Environment	
Operating Temp.	-20°C~60°C
(100 % CPU usage)	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
Certification	CE / FCC class A

Dimension

