



HAWK-3I140DW

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

Features:

- Intel® Core™ Ultra 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 DP, 1 x Type C DP ALT
- 5 x Intel 2.5 GbE LAN, 3 x USB 3.2 Gen 1x1, 1 x USB 2.0
- 1 x M.2 M Key, 2 x M.2 B Key, 1 x Nano SIM, 1 x PCIe
- 2 x COM
- TPM 2.0, SMBus, I2C, I2S
- Wide Range DC-IN

Specifications :

Motherboard	3I140DW
CPU	Intel® Core™ Ultra 7/5 Series processors
Chipset	Meteor Lake-U/H ; Arrow Lake-U/H
Memory	2 x DDR5 SODIMM, Max 64GB
Storage	1 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
Expansion slots	1 x M.2 M key Type 2280 (PCIe x 4), Support NVMe 1 x M.2 B key Type 3042 (USB 3.2 Gne 1x1 / USB 2.0) 1 x M.2 B key Type 3042 (PCIe x 1 / USB 2.0) 1 x Nano SIM 1 x PCIe x 1 golden finger with U Series CPU or 1 x PCIe x 8 golden finger with H Series CPU
I/O ports	Network 5 x Intel 2.5GbE I226-IT (external) USB 3 x USB 3.2 Gen 1x1 (external), 1 x Type C USB 3.2 1 x USB 2.0 Serial ports 2 x RS232 / 422 / 485 Display 1 x HDMI® ; 1 x DP ; 1 x Type C DP ALT
Optional Modules & Accessory	*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
Weight	3.6 kg
Mounting	*System Mount, *VESA Mount
Power	
DC input	Wide Range DC IN +9~36V
Environment	
Operating Temp. (100 % CPU usage)	-40°C~70°C (under specific environmental & CPU power consumption conditions.)
Storage Temp.	-40°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

Dimension

