

## HRC-UA-W680 series



## FEATURES

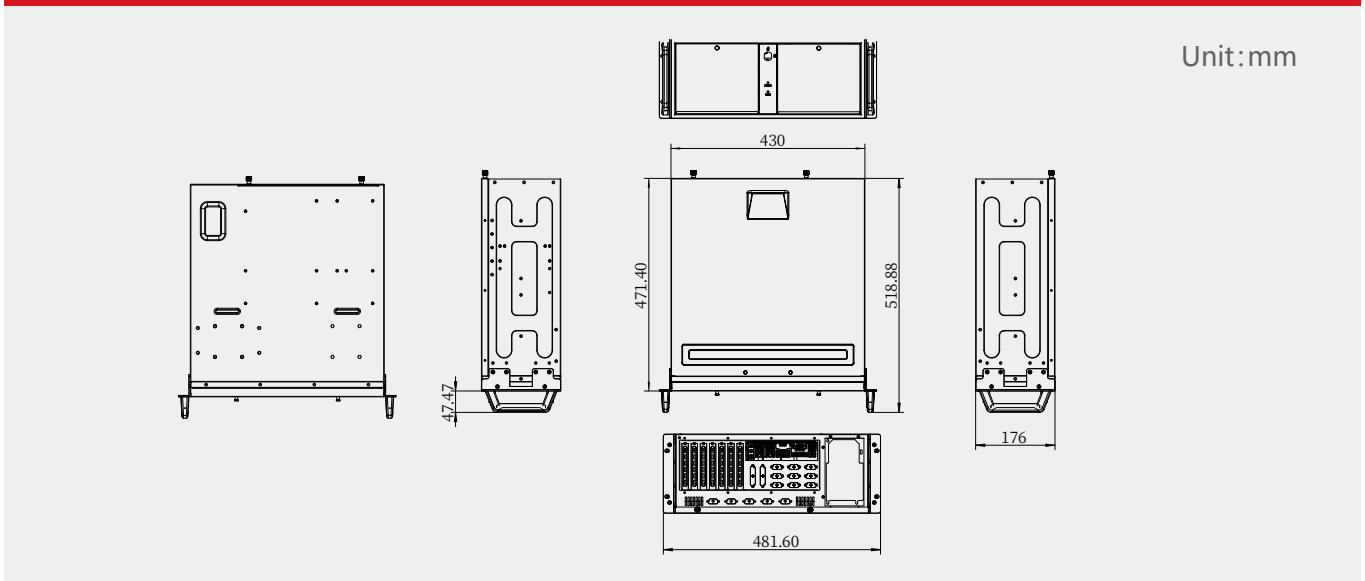
- Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor
- 4x DDR5 U-DIMM , Max.128GB
- 1x DVI, 1x HDMI, 2x DP
- 2x Intel Gigabit port (1x Intel® I219V & 1x Intel® I226)
- 10x USB 3.2, 4x USB 2.0
- 6x COM (2x RS232/422/485, 4x RS232)
- 2x PCIe x16, 3x PCIe x4, 2x PCI

Product Parameters

| Product Parameters |         |                                                                              |
|--------------------|---------|------------------------------------------------------------------------------|
| System Parameters  | CPU     | Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 processor, TDP 125W      |
|                    | Chipset | W680                                                                         |
|                    | BIOS    | AMI UEFI BIOS                                                                |
|                    | Memory  | 4x UDIMM DDR5, MAX128GB                                                      |
|                    | Storage | 2 x M-Key 2242/2280 slot, support Nvme Mode;<br>4 x SATA                     |
| External I/O       | Display | 1x HDMI, MAX 4K@60Hz;<br>2x DP, MAX 4K@60Hz;<br>1x DVI, MAX 1920 x 1200@60Hz |
|                    | LAN     | 1x LAN, Intel® I219-V;<br>1x LAN, Intel® I226                                |
|                    | COM     | 2x RS-232/422/485                                                            |
|                    | USB     | 10x USB3.2; 2x USB2.0                                                        |
|                    | Audio   | 1x Line-in, 1x Line-out, 1x Mic-in                                           |
| Internal Expansion | USB     | 2x USB2.0                                                                    |

| Product Parameters       |                       |                                                                                                                                                |
|--------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal Expansion       | M.2                   | /                                                                                                                                              |
|                          | SIM                   | /                                                                                                                                              |
|                          | PCIe                  | 1x PCIe 5.0 X16 Slot ;<br>1x PCIe 4.0 X16 Slot (Support x4 signal)<br>1x PCIe 4.0 X4 Slot(Support 8GB/s)<br>2x PCIe 3.0 X4 Slot(Support 4GB/s) |
|                          | PCI                   | 2x PCI                                                                                                                                         |
| System                   | OS                    | Windows, Linux                                                                                                                                 |
| Power supply             | Input voltage         | 220V AC IN, Three-hole pin plug                                                                                                                |
|                          | Power supply          | 300/650/1000W, ATX                                                                                                                             |
| Mechanical parameters    | Installation          | rack-mounted industrial computer standard                                                                                                      |
|                          | Dimension             | 176x430x471.4mm (HxWxD)                                                                                                                        |
|                          | Net weight            | 11.8kg                                                                                                                                         |
| Environmental parameters | Operating temperature | 0~60°C, With 0.7ms airflow                                                                                                                     |
|                          | Storage temperature   | -40°C ~85°C, 60°C @ 95% (non-condensing)                                                                                                       |
|                          | Relative humidity     | 10 ~ 95% @ 40°C ( non-condensing )                                                                                                             |
|                          | EMC                   | CE, FCC                                                                                                                                        |

## HRC-UA-W680



## Ordering information

| Model                 | CPU       | MEM              | SSD(M.2)          | SSD(2.5")     | HDD(3.5")                   | Expansion Module |
|-----------------------|-----------|------------------|-------------------|---------------|-----------------------------|------------------|
| HRC-UA-W680/I3-12100  | I3-12100  | 8G/16G<br>/32G   | 128G/256G/512G/1T | 512G/1T/2T/4T |                             | 4G/WiFi          |
| HRC-UA-W680/I5-12400  | I5-12400  | /8G*2<br>/16G*2  | 128G/256G/512G/1T | 512G/1T/2T/4T | 1T/2T/4T                    | 4G/WiFi          |
| HRC-UA-W680/I7-12700  | I7-12700  | /32G*2<br>/8G*4  | 128G/256G/512G/1T | 512G/1T/2T/4T | /8T/10T/12T<br>/16T/18T/20T | 4G/WiFi          |
| HRC-UA-W680/I7-12700K | I7-12700K | /16G*4<br>/32G*4 | 128G/256G/512G/1T | 512G/1T/2T/4T | /22T/24T                    | 4G/WiFi          |
| HRC-UA-W680/I9-12900K | I9-12900K |                  | 128G/256G/512G/1T | 512G/1T/2T/4T |                             | 4G/WiFi          |

\*HRC-U series rack-mounted industrial computer, CPU/MEM/SSD/HDD and other accessories can be optional as required.