

# BRAV-7820

Intel Meteor Lake-H, 2\*LAN, 5\*USB Type-A, 2\*DP, 1\*HDMI, 1\*Micro HDMI, 2\*COM, 1\*MIC, 1\*Line-out, 1\*M.2 M-key, 1\*M.2 B-key, 1\*M.2 E-key.

JHCTECH 物联万物

边缘计算系统——布拉沃系列



## 产品特性

- Intel® Core Ultra CPU: Meteor Lake-H
- 2\*DDR5-5600 SO-DIMM Max. 96GB
- 1\*M.2 Key-M PCIeX4 NVME高速存储
- 2\*DP+1\*HDMI+1\*Micro HDMI四独立显示
- 2 \* 2.5G LAN, 2\*USB3.2, 2\*USB3.0, 1\*Type-C, 2\*COM, 1\*MIC+1\*Line-out
- 1\*M.2 B-key和1\*M.2 E-key支持5G NR和WIFI6
- DC-IN 12V供电, 过压过流短路保护设计
- 铝型材外壳, 主被动相结合散热设计
- 支持 -20~65°C工业级宽温工作

## 产品概述

BRAV-7820搭载Intel® Core™ Ultra processor , Meteor Lake-H, 最大支持96GB内存; 支持多网络、多显示, 多存储、多扩展, DC12V/10A供电, 可作为MEC边缘计算用于智能交通、机器视觉和智慧物流等行业。

## 接口布局

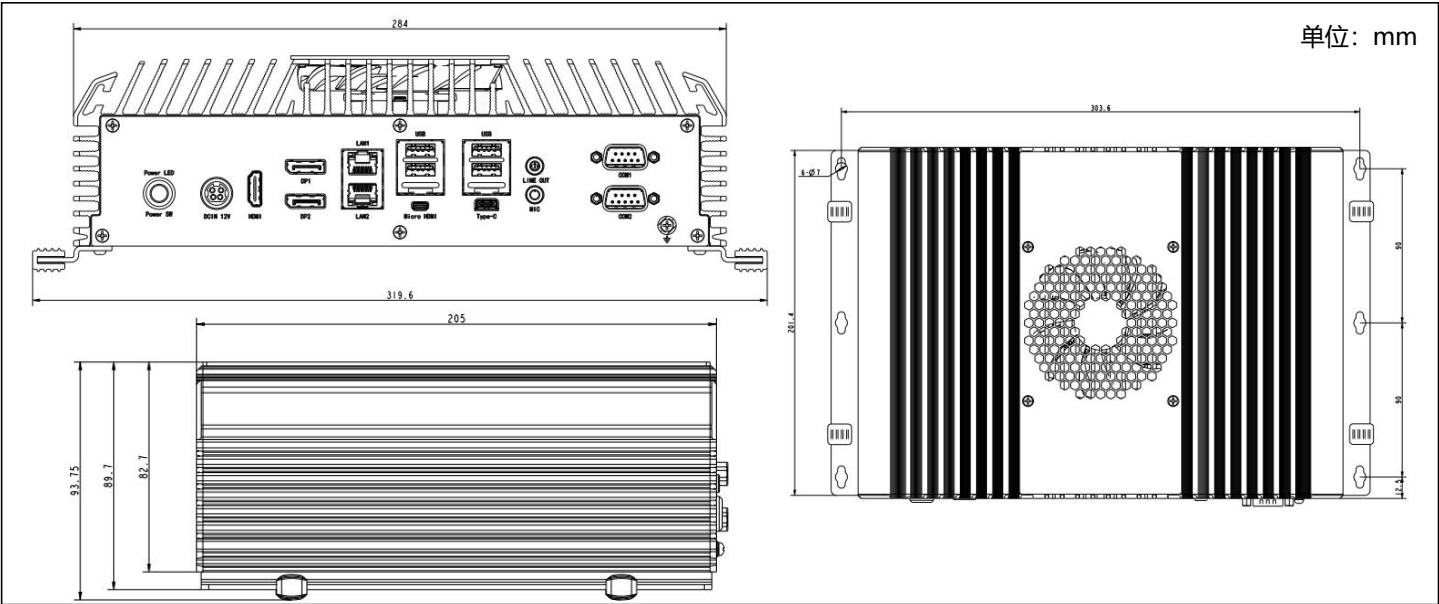


## 产品规格

|       |                                                                                                                                                                                                                                                                   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU   | Intel® Core™ Ultra processors (Serials 1), Meteor Lake-H: Ultra 5 135H, Ultra 7 155H或Ultra 9 185H                                                                                                                                                                 |
| 内存    | Support DDR5-5600 MHz, 2 * SO-DIMM Slot, up to 96GB                                                                                                                                                                                                               |
| 扩展接口  | 1 * M.2 Key-B Slot (USB3.0+PCIE+USB2.0, Support 4G/5G, 2280)<br>1 * M.2 Key-E Slot (PCIE+USB2.0, Support Wifi +BlueTooth , 2230)<br>1 * Nano SIM Card Slot<br>1 * MIPI-CSI Connector                                                                              |
| 显示    | 1 * HDMI2.1 (TYPE-A): max resolution up to 7680×4320@30Hz<br>1 * DP2.0 (Down Port): max resolution up to 15360x8640@60Hz<br>1 * DP1.4 (Up Port): max resolution up to 7680×4320@30Hz<br>1 * Micro HDMI IN (HDMI to MIPI CSI): max resolution up to 4096x2160@60Hz |
| 音频    | 1 * Line-Out + 1*MIC                                                                                                                                                                                                                                              |
| 以太网   | 2 * Intel® 2.5G LAN Chip (RJ45,10/100/1000/2500 Mbps)                                                                                                                                                                                                             |
| 存储    | 2* SATA3.0 7P Port (with SATA Power Wafer)<br>1 * M.2 Key-M Slot (PCIE 4x Gen4, Support PCIE X4 NVMe, 2280)                                                                                                                                                       |
| I/O接口 | Rear IO: 2*RJ45; 1*HDMI+2DP+1Micro HDMI ; 2*USB3.2(Type A)+2*USB3.0 (Type A)+1*Type-C; 1*RS232 (COM1) +1*RS485 (COM2) ; 1*MIC+1Line-out                                                                                                                           |

|      |                                                 |
|------|-------------------------------------------------|
| 控制开关 | 1* Power按键 with LED                             |
| 电源要求 | DC 12v/10A输入                                    |
| 操作系统 | Windows 10/11 64-bit, Linux                     |
| 构造   | 铝型材散热外壳，SGCC箱体                                  |
| 颜色   | 花岗灰                                             |
| 安装方式 | 桌面式安装带减震防滑脚垫                                    |
| 尺寸   | (L*W*H): 主箱体: 284*205*90mm; 含安装支架: 320*205*94mm |
| 工作温度 | -20℃ ~ 65℃, 空气流动                                |
| 存储温度 | -20℃~75℃                                        |

外形尺寸



订购信息

| 型号             | 说明                         |
|----------------|----------------------------|
| BRAV-7820-S001 | Intel Ultra 5 135H         |
| BRAV-7820-S002 | Intel Ultra 7 155H         |
| BRAV-7820-S003 | Intel Ultra 9 185H         |
| PA-120DC12     | AC/DC电源适配器, DC12V/10A,120W |