

BIS-6388A 整机项目规格表

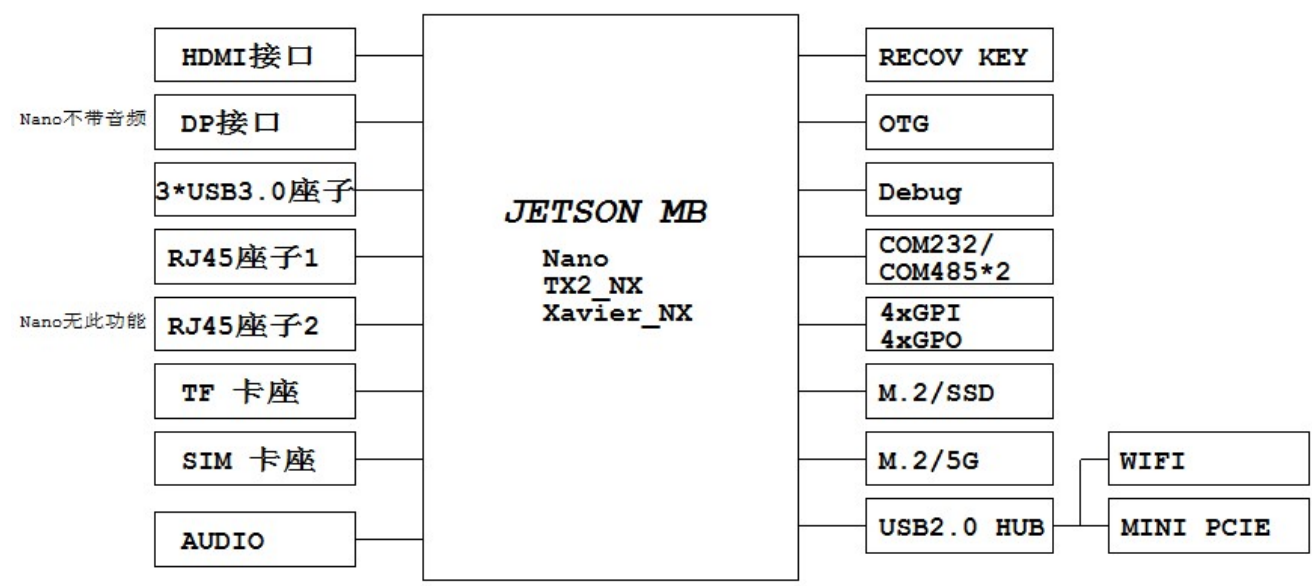
| SOMB-JETSON 底板+JETSON 核心板 | |
|---------------------------|---|
| 功能 | 具体规格参数 |
| JETSON 核心板 | JETSON NANO/JETSON TX2 NX/JETSON XAVIER NX (底板支持上述三种模组, 可选配) |
| TF | 1* TF |
| HDMI | 1* TYPE A, 支持最大分辨率:3840*2160@60HZ |
| DP | 1* DP, 支持最大分辨率:3840*2160@60HZ |
| USB Host | 3*USB3.0 TYPE A, 1*OTG |
| COM | 1* COM Debug (Micro USB) 2* COM232/TTL/485, (DB9) |
| LAN | 2* 1000M RJ45 (JETSON NANO 仅支持 1 个) |
| M.2 | 1*M key 支持 SSD, 1*B key 支持 5G, 1*SIM(接口外露) |
| PCIE | 1* Minipcie(支持 3/4G), 1*SIM(接口外露) |
| Audio | 1* Headphone(支持 4 节) |
| Wireless | WIFI+BT |
| LED | 1*PWR, 1*SYS |
| RTC | 支持 |
| GPIO | 4*DI, 4*DO(凤凰端子) |
| Button | 1*RECOVERY Key, 1*Power Key |
| Power in | 12V 3PIN 圆孔供电 |

| | |
|------|-------------------|
| 整机尺寸 | 227.6*151*58.5 mm |
| OS | UBUNTU |
| 工作温度 | -20~70° |
| 存储温度 | -40~85° |
| 工作湿度 | 5%~95%，无凝露 |
| 存储湿度 | 5%~95%，无凝露 |

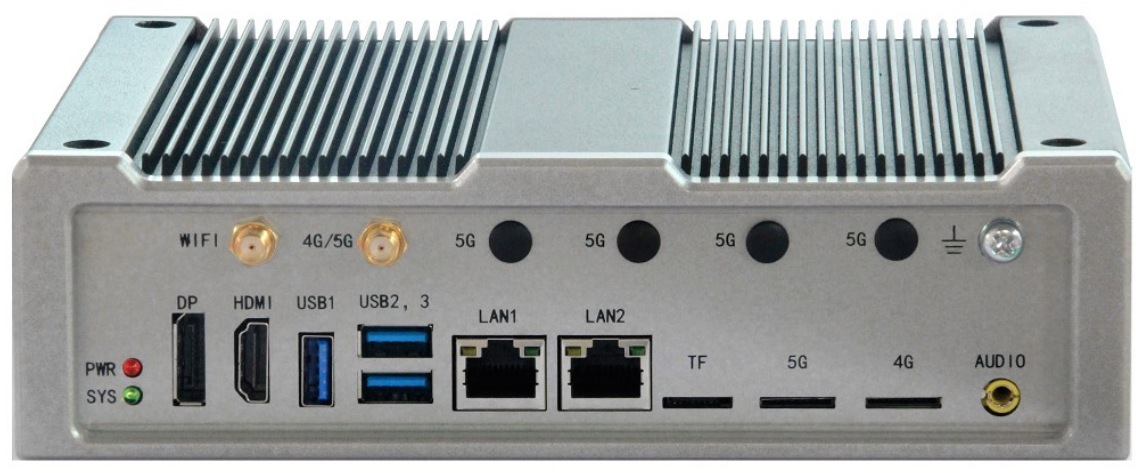
JETSON NANO/ TX2 NX/XAVIER NX 规格参数

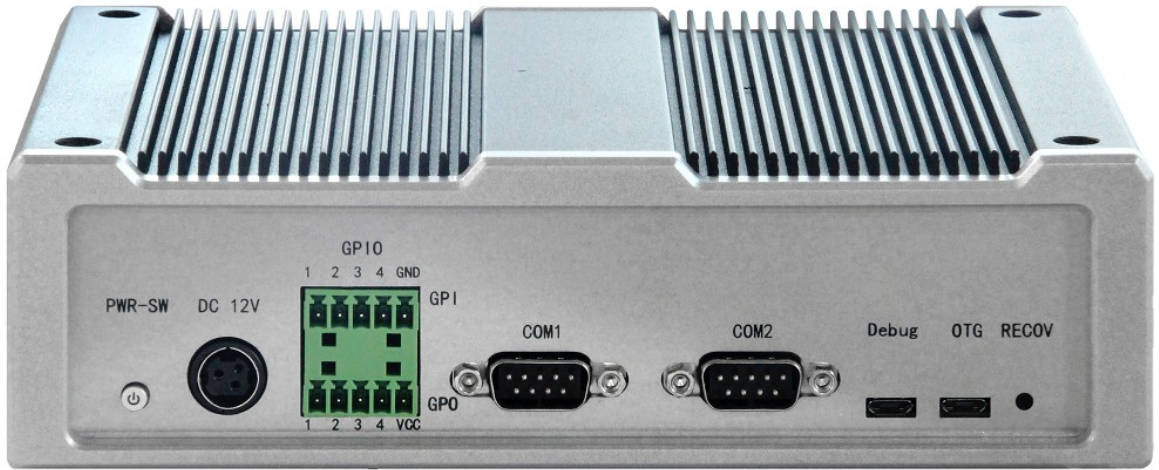
| | JETSON NANO | JETSON TX2 NX | JETSON XAVIER NX |
|-------------------|--|--|--|
| GPU | 128 Core Maxwell 0.5 TFLOPs (FP16) | 256 Pascal cores 1.3 TFLOPs (FP16) | 384 Core Volta 21 TOPs (INT8) |
| CPU | 4 core ARM A57 | 6 core Denver and A57 CPU (2x) 2MB L2 | 6 core Carmel ARM CPU (3x) 2MB L2 + 4MB L3 |
| Memory | 4 GB 64-bit LPDDR4 25.6 GB/s | 4 GB 128-bit LPDDR4 51.2 GB/s | 8 GB 128-bit LPDDR4x 51.2 GB/s |
| Storage | 16 GB eMMC | 16 GB eMMC | 16 GB eMMC |
| Encode | 4K @ 30 (H.265) | 4Kp60 (H.265) | 2x 4K @ 30 (H.265) |
| Decode | 4K @ 60 (H.265) | 2x 4Kp60 (H.265) | 2x 4K @ 60 (H.265) |
| Camera | 12 (3x4 or 4x2) MIPI CSI-2 D-PHY 1.1 lanes (18 Gbps) | 12 lanes (3x4 or 5x2) MIPI CSI-2 D-PHY 1.2 (30 Gbps) | 12 lanes (3x4 or 6x2) MIPI CSI-2 D-PHY 1.2 (30 Gbps) |
| Mechanical | 69.6mm x 45mm 260 pin edge connector | 69.6mm x 45mm 260 pin connector | 69.6mm x 45mm 260 pin edge connector |

框架图：



整机实物图片：





整机结构尺寸图:

