

Features

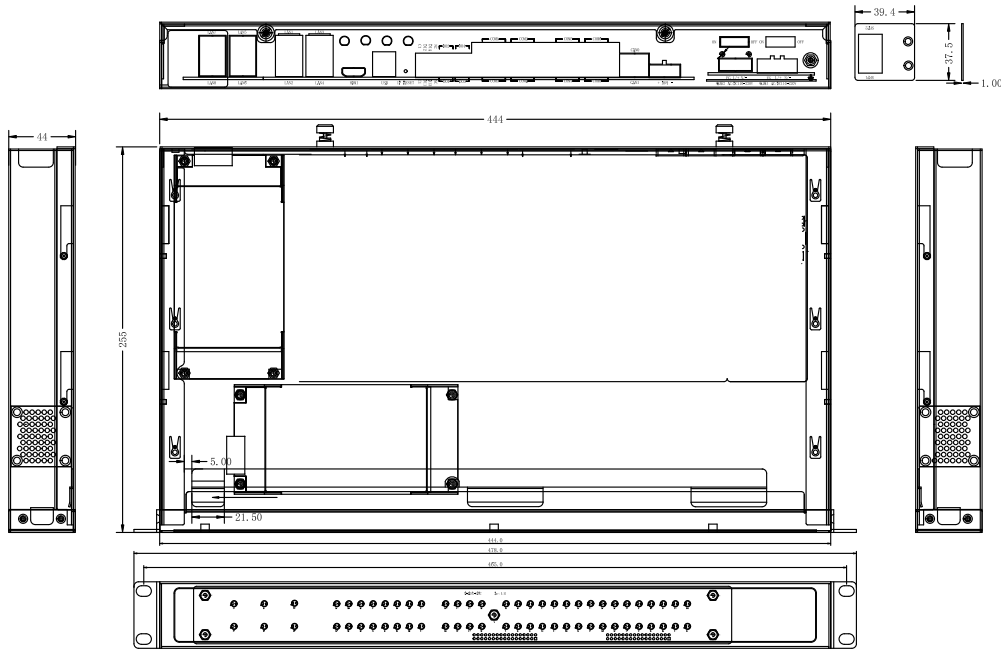
- CPU+NPU+GPU
 - CPU: Rockchip RK3568, Quad-Core ARM Cortex-A55, up to 2.0GHz
 - NPU: 1.0 TOPS
 - GPU: Mali-G52
- 4 x GbE LAN
(扩展方案可选: ①可选4 x GbE电口; ②可选2 x GbE电口+2 x 百/千兆光口)
- 8 x RS232/RS485
- 1 x M.2 B-Key, 1 x M.2 M-Key
- 1 x MPCle (w/USB2.0)
- 4 x DO继电器应用 (常开/常闭可选), 4 x DI (NPN/PNP可选), 2KV隔离
- 2 x USB2.0 HOST Type-A
- 1 x USB OTG internal (用于系统烧录和调试)
- 双电源设计: AC/DC 220V input
- OS: Debian10 server

Specifications

System	
处理器	-CPU: Rockchip RK3568, Quad-Core ARM Cortex-A55, up to 2.0GHz -NPU: 1.0 TOPS -GPU: Mali-G52
内存	4GB LPDDR4, up to 8GB
存储	32GB eMMC 5.1, up to 64GB

I/O Interface	
USB	2 x USB 2.0 host (Type A)
LAN	2 x GbE port by RJ45 with YT8531C Controller WOL - LAN1/LAN2 2 x GbE port by RJ45 with YT6801 WOL - LAN3/LAN4 两种扩展方案可选: ①4 x 电口扩展板 (RJ45, w/LED, 10/100/1000M自适应) ②2 x 电口 (RJ45,w/LED,10/100/1000M自适应)+2 x 100/1000Base光口
M.2	1 x M.2 B-Key 3042/3052 USB3.0, for 4G/5G 1 x M.2 M-Key 2242/2280 SATA, for Storage
MPCIE	1 x MPCIE (w/USB2.0), 支持WIFI/BT
SIM	1 x 1.8V/3V SIM/UIM 卡
Serial	8 x RS232/RS485, 凤凰端子接口, 9600~115200Kbps, 2KV光电隔离 1 x UART,TTL for Debug
DIDO	4 x DI, 干节点, 2.5KV光电隔离 4 x DO, 继电器输出, 默认常开输出
CAN	2 x CAN 2.0 A/B 2 x CAN FD By MPCIE -optional
电源接口	2 x 220V AC/DC, 凤凰端子, 电源模块支持交直流冗余输入 交流: AC220V±20% 直流: DC110/220V±20% 支持远程重启
Reset Button	1 x Reset Button, 恢复远程端口IP
USB OTG	1 x USB OTG, 用于系统烧录
LED	Power / RUN / LAN / COM / user define
B码模块接口	1 x 2pin 凤凰头接口, TTL, 外接
HDMI	1 x HDMI, Up to 4096 x 2304@60Hz

Dimensions



物理特性	
结构	外框铁壳(SECC), 铁件烤漆, 烤漆黑色工艺, 铝散热片, 阳极原色
安装方式	Rack mount
尺寸	1U, 444(L) * 255(W) * 44mm(H)
工作温度	-20~60℃
存储温度	-40~70℃
湿度	5 to 95%@ 40℃, non-condensing
认证	Meet CE/FCC Class A

OS	
OS	Debian10 server
功能	
B码对时	1 x TTL