

LTE CAT 12 600Mbps 双以太网网桥/串行网关

IPn4Gii-CAT12 提供了一个安全的，工业级的无线解决方案，使用LTE 增强载波聚合技术以提供快速LTE连接，下载速度高达600Mbps！

IPn4Gii-CAT12 提供的功能，如全球波段支持，双千兆以太网端口，3个串行端口，数字I/O和双SIM卡插槽。提供增强的，集成防火墙用于“安全通信”，IPSec VPN隧道，IP/MAC访问控制列表，IPn4Gii-CAT12真的可以任何事情！

CAT12 600 Mbps LTE

ACL 防火墙

多 WAN 口故障冗余

双千兆以太网

可编程 I/O 口

3个串行端口



Features

- 超高速CAT12 LTE运算，支持全球带宽
- 空中下行链路可达600Mbps，上行链路可达150Mbps
- IP 直通模式
- 数据用量提醒 (Email, SMS)
- ACL 安全防火墙, DMZ & 端口转发
- I/O 口 - 8 模拟 输入/输出 或 8 数字输出
- IPSec, GRE / VPN 隧道
- 2 个串行 数据/控制台端口 (RS232), 1 个 数据端口 (RS485)
- 2 x 10/100/1000 以太网端口 (PoE on WAN Port)
- 多 WAN 口以提供故障冗余
- USB OTG Port (Host, Console, NDIS, Serial Data)
- 独立 GPS (TCP Server, UDP Reporting, SMTP)
- SMS Support: Serial, Ethernet (Telnet), Alerts
- 宽工作温度范围 (-40°C to +85°C)
- 通过本地控制台, telnet, web浏览器的用户控制界面
- 支持Microhard NMS



IPn4Gii-CAT12 特性

支持频段	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21/B25/B26/B28/B29/B30/B32/B66; LTE-TDD: B38/39/B40/B41 WCDMA: B1/B2/B3/B4/B5/B8/B9/B19 DL 2×CA: B1+3/5/18/19/20/26; B2+2/4/5/12/13/17/29/30/66; B3+3/5/7/8/19/20/28; B4+4/5/12/13/17/29/30; B5+7/30/66; B7+7/20/28; B12+30; B13+66; B19+21; B20+B32; B29+30; B38+38; B39+39; B39+39; B39+41; B40+40; B41+41; B66+66, 12, 29, 30, 5; B2+B14; B14+B30; B14+B66; DL 3×CA: DL inter-band 3CA: B1+3+5/7/8/19/20/28; B1+7+20; B2+4+5; B2+4+13, B2+5+30; B2+12+30; B2+29+30, B3+7+20, B3+7+28, B3+7+8, B4+5+30, B4+12+30, B4+29+30, B5+66+2, B13+66+2; B66+12+30; B66+29+30, B66+5+30; B2+B14+B66; DL 2 intra-band plus inter-band 3CA: B2+2+5; B2+2+13; B3+3+7; B3+7+7; B3+3+20; B3+3+28; B3+3+1; B4+4+5; B4+4+13; B7+7+28; B5+66+66; B13+66+66; B66+66+2; B39+B39+B41; B39+B41+B41; B14+B66+B66 DL 3 intra-band 3CA: B40+40+40; B41+41+41; B66+66+66 UL 2×CA: B3+3; B41+41	Carrier Connection	ICMP Keep Alive, DDNS, IP pass-through, Wireless Connection Timeout.
蜂窝数据特性*	LTE-FDD: Max 600Mbps (DL), Max 150Mbps (UL) LTE-TDD: Max 430Mbps (DL), Max 30Mbps (UL) UMTS: DC-HSDPA: Max 42Mbps (DL) HSUPA: Max 5.76Mbps (UL) WCDMA: Max 384Kbps (DL), Max 384Kbps (UL) <i>*Module Standalone Laboratory Performance</i>	网络协议	TCP, UDP, TCP/IP, ARP, ICMP, DHCP, HTTP, SNMP, FTP, DNS, Serial over IP, Modbus Slave (TCP/Serial)
串行接口	1 x RS232 Data (Full Support) 1 x RS232 Console/Data (TX/RX) 1 x RS485 Data (2/4 wire)	安全	VPN, IPSec with IKE/ISAKMP; Multiple tunnel support (16); 3DES and up to 256-bit AES Encryption, Site to Site Tunneling L2TP, GRE, HTTPS, RADIUS
串口波特率	300bps to 921kbps	防火墙	NAT, Port forwarding, VPN/GRE pass-through; Access control lists (IP/MAC filtering), Data origin/integrity Authentication, DMZ
串口服务器	Extensive Serial Port Support: TCP Server & Client / UDP Server & Client / Modus / PPP / SMS / SMTP / AT command	管理	Local Serial Port Console, Telnet, WebUI, SNMP V1/2/3, Wireless Upgrade (HTTP/FTP), RADIUS authentication, AT Command Interface (Serial/Telnet), Scheduled Reboots, Microhard NMS Support, Data Usage Alerts, Power Saving Modes
以太网	2x 10/100 BaseT, Auto - MDI/X IEEE 802.3	诊断	RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, Watchdog, UDP Event Reporting, SMS Alerts, Netflow
I/O 口	8x Analog Input/Output or 8x Digital Outputs	输入电压	7 - 30VDC or, Passive PoE over WAN port (Optional)
USB (OTG)	USB 2.0 USB Console Port USB to Serial Data Routing USB to Ethernet Data Routing (NDIS) USB OTG (Host)	接口	天线 3x SMA Female (Cell, Cell Div, GPS) 1x RP-SMA Female (Ant3) 数据 2x RJ-45 (Ethernet) 6 PIN Interlock (RS485) 10 PIN Interlock (RS232/Digital I/O) DB9 RS232 USB Micro-AB SIM 2x 1.8 / 3.0V (2FF)
GPS	TCP/UDP/Email Reporting, GpsGate, TAIP GNSS Systems GLONASS, BeiDou & Galileo GPS Protocols NMEA 0183 V3.0 Acquisition Sensitivity -145 dBm (Cold-start) Tracking Sensitivity -160 dBm (Open Sky/Active-patch Antenna) Accuracy <2m CEP-50 (Open sky, 1 Hz tracking) Standalone time to first fix 1s/29s/32s (hot/warm/cold) Total number of SVs ~55 SVs	工作环境参数	工作温度 -40°C to +85°C -40°F to +185°F 湿度 5-95%, non-condensing
SMS	SMS to/from Serial RS232/485 SMS to/from Ethernet via Telnet SMS Alerts SMS Remote Reboots	重量	Approx. 225 grams
		尺寸	Approx. 2.25" x 3.85" x 1.5" (57mm x 98mm x 45mm)
		认证	FCC / IC PTCRB UL Hazloc (C1D2) Carrier Specific Approvals

Order Options

Model IPn4Gii-CAT12

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