

CAT12 LTE 6端口千兆以太网网关

LTE-SWITCH-CAT12 是一种工业级的蜂窝解决方案，采用LTE高级载波聚合技术，用于关键数据应用。LTE-SWITCH-CAT12 提供全面的交换和路由能力，并提供快速的CAT12 3xCA LTE连接，下载速度可达600Mbps，上传速度可达150Mbps。

LTE-SWITCH-CAT12 具有4个千兆LAN端口，2个独立千兆WAN端口和双SIM卡用于提供双重保障，双串行端口和2个可编程I/O口，是一个最注重冗余的最终解决方案。

CAT12 LTE

600 / 150 Mbps (DL | UL)

载波聚合

双独立 WAN 口

6 个千兆以太网端口



特性

- 超快速 CAT12 LTE 运算
- 空中下行链路可达600Mbps，上行链路可达150Mbps
- 双SIM卡提供双重保障和负载均衡
- ACL安全防火墙, DMZ & 端口转发
- **IPSec, GRE / VPN 隧道**
- **6 - 10/100/1000 Ethernet (PoE), (6LAN/2WAN)**
- 支持IPv6 和 IPv4
- 2个可编程模拟/数字端口输入 或 2 个数字端口输出
- RS232/485 串行数据端口 或 RS232 控制台/数据端口
- 宽工作温度范围 (- 40°C to +85°C)
- 数据用量提醒 (Email, SMS)
- SSH或HTTP/HTTPS web浏览器用户界面
- 支持 **Microhard NMS**



LTESWITCH-CAT12 特性

支持的蜂窝频段	<p>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</p> <p>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;</p> <p>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</p> <p>UL 2×CA: B3+3; B41+41</p>	<p>防火墙 NAT, NAT-T VPN Tunneling, Port Forwarding, VPN/GRE pass-through; Access Control Lists, DMZ</p> <p>Management Telnet, WebUI, SNMP V1/2/3, Wireless Upgrade (HTTP/FTP), AT Command Interface (Serial/Telnet), Microhard NMS Support, Data Usage Alerts, SSH</p> <p>诊断 RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, UDP Event Reporting, SMS Alerts, Netflow</p> <p>输入电压 7 - 30VDC Passive PoE Active PoE w/Adapter Reverse polarity protection</p> <p>接口 天线 2x SMA Female (Main, Diversity) 数据 6x RJ-45 (Ethernet) 4 PIN Interlock (Vin, I/O)) 2x DB9 RS232/485 USB Type A SIM Dual Nano (4FF) SIM (Failover)</p>
蜂窝数据特性 <small>*Module Standalone Laboratory Performance</small>	<p>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)</p>	<p>使用环境参数 工作温度 -40°C to +85°C 湿度 5-95%, non-condensing</p> <p>重量 Approx. 350 grams</p> <p>尺寸 Approx. 5.05" x 3.0" x 1.2" (128mm x 76mm x 30mm)</p> <p>认证 FCC / IC PTCRB UL Hazloc (C1D2) Carrier Specific Approvals</p>
以太网	2x LAN 10/100/1000, Auto - MDI/X IEEE 802.3 2x WAN 10/100/1000, Auto - MDI/X IEEE 802.3	
串行接口	RS232/485 Data Port, RS232 Console/Data Port	
串口波特率	300bps to 921kbps	
串口服务器	Extensive Serial Port Support: TCP Server/Client / UDP Server/Client / Modbus / SMTP	
输入输出I/O口	2x Programmable Analog/Digital Inputs or 2x Digital Outputs	
USB	Type A USB 2.0	
SMS	SMS to/from Ethernet via Telnet SMS Alerts SMS Commands	
Carrier Connection	ICMP Keep Alive, Traffic Watchdog, DDNS, Failover	
网络协议	IPv4, IPv6, TCP, UDP, TCP/IP, ARP, ICMP, DHCP, HTTP, SNMP, FTP, DNS, Serial over IP, Modbus Slave (TCP/Serial), Load Balancer	
安全	VPN, IPSec with IKE/ISAKMP; Multiple tunnel support (16); 3DES and up to 256-bit AES Encryption, VPN Tunneling L2TP, GRE, Open VPN, HTTPS, RADIUS	

Order Options

MHK117785	Model: BulletPlusAC-CAT12-BK
-NPWAN2	Removes WAN2 Port
MHS064020	Active PoE Adapter
MHS041420	4-Pin Power Cable

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