

有线LTE备份解决方案CAT12

LTEBACKUP-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。LTEBACKUP-CAT12为今天的数据密集型应用提供快速的CAT12 3xCA LTE连接，高达600Mbps。

LTEBACKUP-CAT12 具有4个千兆LAN端口，2个独立千兆WAN端口，串行数据/控制台端口，2个可编程I/O和双SIM卡用于故障转移。

CAT12 - 600 Mbps LTE

载波聚合

双独立 WAN口

6 个千兆以太网口

双串口



特性

- 超高速 CAT12 LTE 运算
- 空中下行链路可达600Mbps，上行链路可达150Mbps
- 双SIM卡支持故障转移和负载均衡
- **ACL** 安全防火墙, **DMZ &** 端口转发
- **IPSec, GRE / VPN** 隧道
- **6 - 10/100/1000** 以太网 (PoE), (6LAN/2WAN)
- 支持 **IPv6** 和 **IPv4**
- 2个可编程模拟/数字输入或2个数字输出
- **RS232/485** 串行数据口 / **RS232** 控制台/数据端口
- 宽工作温度 (-40 °C至+85 °C)
- 数据使用量提醒(电邮、短讯)
- SSH或HTTP/HTTPS web浏览器用户界面
- 支持 **Microhard NMS**



LTEBACKUP-CAT12 特性

蜂窝支持频段	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	防火墙	NAT, NAT-T VPN Tunneling, Port Forwarding, VPN/GRE pass-through; Access Control Lists, DMZ
		管理	Telnet, WebUI, SNMP V1/2/3, Wireless Upgrade (HTTP/FTP), AT Command Interface (Serial/Telnet), Microhard NMS Support, Data Usage Alerts, SSH
		诊断	RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, UDP Event Reporting, SMS Alerts, Netflow
		输入电压	7 - 30VDC Passive PoE Active PoE w/Adapter Reverse polarity protection
		接口	天线 数据 2x SMA Female (Main, Diversity) 6x RJ-45 (Ethernet) 4 PIN Interlock (Vin, I/O)) 2x DB9 RS232/485 USB Type A SIM Dual Nano (4FF) SIM (Failover)
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)	工作环境参数	工作温度 -40°C to +85°C 湿度 5-95%, non-condensing
*Module Standalone Laboratory Performance		重量	Approx. 350 grams
以太网	4x LAN 10/100/1000, Auto - MDI/X IEEE 802.3 2x WAN 10/100/1000, Auto - MDI/X IEEE 802.3	尺寸	Approx. 5.05" x 3.0" x 1.2" (128mm x 76mm x 30mm)
串行接口	RS232/485 Data Port, RS232 Console/Data Port	认证	FCC / IC PTCRB UL Hazloc (C1D2) Carrier Specific Approvals
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		
I/O	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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