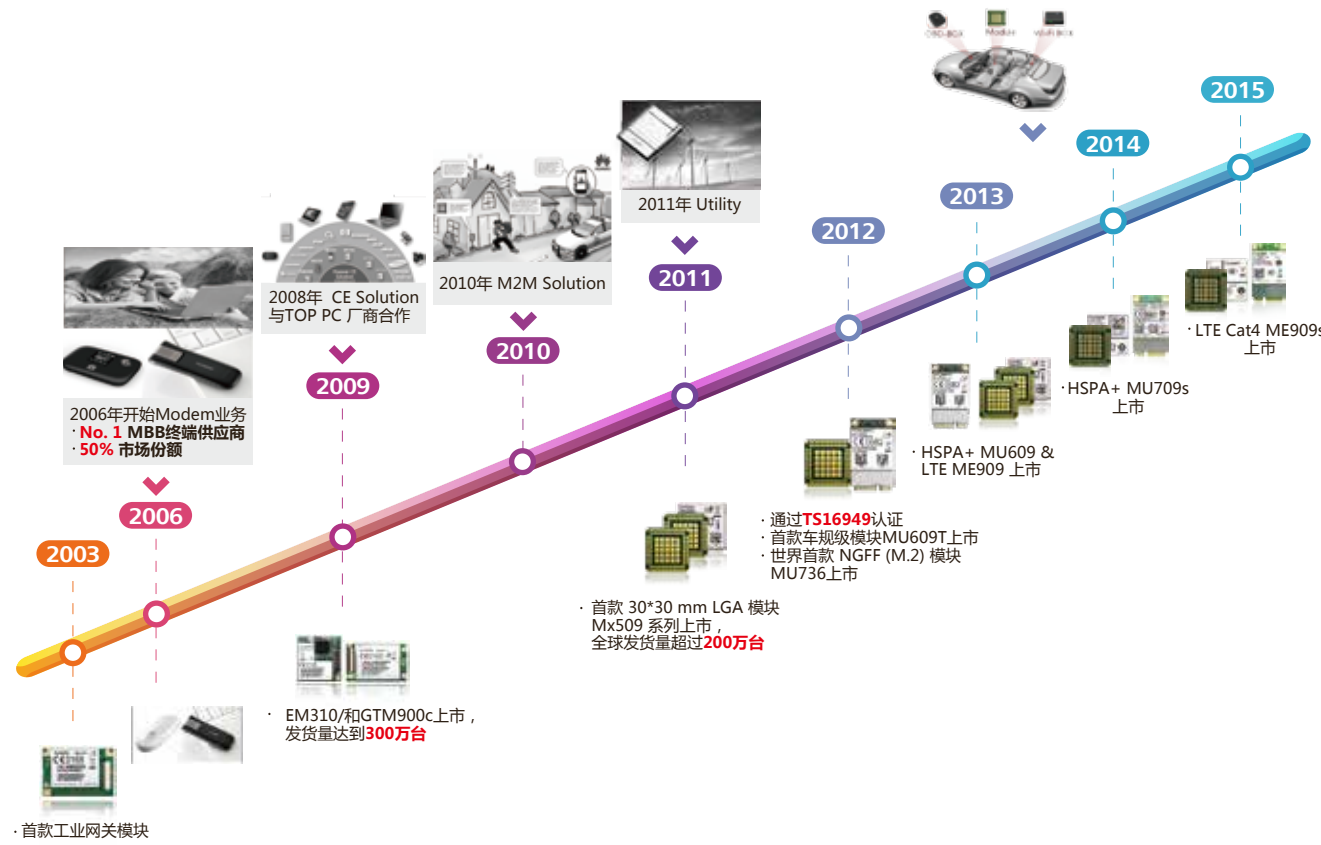


制式	LTE	LTE Only	
封装	Mini PCIe	LGA	Mini PCIe
产品 (型号与图片)	ME909u-521 Mini PCIe (EU) 	ME209u-526D (US) 	ME209u-526D Mini PCIe (US) 
尺寸 (mm)	30.4 x 51 x 3.4	30 x 30 x 2.3	30.4 x 51 x 3.4
频段	LTE(FDD) B1,B2,B3,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B4,B13	LTE(FDD) B4,B13
温度范围	-20°C~ 60°C	-40°C~ 85°C	-40°C~ 75°C
数据传输速率	UL 50Mbps-DL 100Mbps	UL 50Mbps-DL 100Mbps	UL 50Mbps-DL 100Mbps
认证与准入	•CE •RoHS	•FCC •GCF •Verizon Certified •RoHS	•FCC •Verizon Certificated •RoHS
可销售区域	欧洲、中东	●	
	拉美		
	北美	●	●
	亚太		
	澳大利亚		
语言	俄罗斯		
	中国		
	模拟语音		
	PCM	●	
	UART	●	●
接口	USB	●	●
	Analog Audio		
	PCM Audio	●	
	Sim Card	●	●
	GPIOs	●	
产品特性	Power supply	●	●
	Reset	●	●
	Embedded tcp/ip stack	●	●
	FTP	●	●
	HTTP	●	●
	SMTP	●	●
	Netscan		
	Cell Lock		
	Jamming Detection		
	FOTA	●	●
	TTS		
	Thermal Protection	●	●
	GPS	●	
	Firmware update via USB/UART	●	●
	USB driver for Linux	●	●
	USB driver for Android	●	●
	UART CMUX	●	

华为M2M发展历程

华为专注模块研发与制造已有10年之久



华为是全球领先的信息与通信解决方案供应商。我们围绕客户的需求持续创新，与合作伙伴开放合作，在电信网络、企业网络、消费者和云计算等领域构筑了端到端的解决方案优势。我们致力于为电信运营商、企业和消费者等提供有竞争力的 ICT 解决方案和服务，持续提升客户体验，为客户创造最大价值。目前，华为的产品和解决方案已经应用于140多个国家，服务全球 1/3的人口。

2003年开始，华为开展模块业务。十年来，华为终端专注于M2M、CE、Telematics模块的研发与制造，不断创新，为车载、电力、金融支付、安防监控、工业router等行业客户提供完整的解决方案，接口、OS平台等与客户整机高度匹配，易导入、易集成，帮助客户缩短研发周期，保证产品快速上市；在车载、电力、金融支付、安防监控、工业router等行业得到了广泛的应用。

在全球通用认证及TOP运营商准入认证方面，华为发挥独有优势，使得华为模块能够率先通过认证，有助于客户产品快速上市，抢占市场先机。

华为除了在全球140多个国家拥有服务网点之外，在美国、欧洲、日本、台湾、中国还有5个主要的模块FAE中心，为客户提供着最快捷、最到位的现场技术支持。

华为终端有限公司

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邮箱：m2msalesChina@huawei.com
网站：http://consumer.huawei.com/m2m

图片仅供参考，请以实物为准。



华为终端有限公司

—— 供应高品质的无线通信模块

聚焦 合作 开放 共赢
Focus Cooperation Open Win Win

http://consumer.huawei.com/m2m

制式		EVDO				UMTS		HSPA+						LTE							
封装		LGA	Mini PCIe	LGA	Mini PCIe	LGA	LGA	LGA	Mini PCIe	LGA	Mini PCIe	LGA	Mini PCIe	LGA	Mini PCIe	LGA	Mini PCIe	LGA	Mini PCIe	LGA	
产品 (型号与图片)		MC509 	MC509 Mini PCIe 	MC509-a 	MC509-a Mini PCIe 	MU509-b 	MU509-c 	MU609 	MU609 Mini PCIe 	MU709s-2 	MU709s-2 Mini PCIe 	MU709s-6 	MU709s-6 Mini PCIe 	ME909s-120 (EU) 	ME909s-120 Mini PCIe (EU) 	ME909s-821 (CN) 	ME909s-821 Mini PCIe (CN) 	ME909u-523D (US) 	ME909u-523D Mini PCIe (US) 	ME909u-521 (EU) 	
尺寸 (mm)		30 x 30 x 2.65	30.4 x 51 x 3.4	30 x 30 x 2.65	30.4 x 51 x 3.4	30 x 30 x 2.6	30 x 30 x 2.6	30 x 30 x 2.2	30.4 x 51 x 3.4	30 x 30 x 2.3	30.4 x 51 x 3.4	30 x 30 x 2.3	30.4 x 51 x 3.4	30 x 30 x 2.52	30.4 x 51 x 3.52	30 x 30 x 2.57	30.4 x 51 x 3.57	30 x 30 x 2.3	30.4 x 51 x 3.4	30 x 30 x 2.3	
频段		EVDO 800/1900 CDMA 2000 1X 800/1900	EVDO 800/1900 CDMA 2000 1X 800/1900	EVDO 800 CDMA 2000 1X 800	EVDO 800 CDMA 2000 1X 800	HSDPA/HSPA+ 900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 850/1900 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 850/900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 850/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	HSDPA/HSPA+ 850/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B1,B2,B3,B4,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA/ /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B1,B2,B3,B4,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA/ /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B1,B3,B8 LTE(TDD) B39,B40,B41(38) DC-HSPA+/HSPA+/HSPA/ /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B1,B3,B8 LTE(TDD) B39,B40,B41(38) DC-HSPA+/HSPA+/HSPA/ /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900	LTE(FDD) B2,B4,B5,B17 DC-HSPA+/HSPA+/HSPA/ /UMTS 850/1900, AWS	LTE(FDD) B1,B2,B3,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA/ /UMTS 850/900/1900/2100 GSM/GPRS/EDGE 850/900/1800/1900		
温度范围		-30℃~ 75℃	-30℃~ 70℃	-30℃~ 75℃	-30℃~ 70℃	-40℃~ 85℃	-40℃~ 85℃	-40℃~ 85℃	-20℃ ~ 60℃	-40℃~ 85℃	-30℃~ 75℃	-40℃~ 85℃	-30℃~ 75℃	-40℃~ 85℃	-30℃~ 75℃	-40℃~ 85℃	-30℃~ 75℃	-30℃~ 75℃	-30℃~ 75℃	-30℃~ 75℃	
数据传输速率		UL 1.8 Mbps-DL 3.1 Mbps	UL 1.8 Mbps-DL 3.1 Mbps	UL 3.1 Mbps-DL 1.8 Mbps	UL 3.1 Mbps-DL 1.8 Mbps	UL 384 kbps-DL 3.6 Mbps	UL 384 kbps-DL 3.6 Mbps	UL 5.76 Mbps-DL 14.4 Mbps	UL 5.76 Mbps-DL 14.4 Mbps	UL 5.76 Mbps-DL 21.6 Mbps	UL 5.76 Mbps-DL 21.6 Mbps	UL 5.76 Mbps-DL 21.6 Mbps	UL 5.76 Mbps-DL 21.6 Mbps	UL 50Mbps-DL 150Mbps	UL 50Mbps-DL 150Mbps	UL 50Mbps-DL 150Mbps	UL 50Mbps-DL 150Mbps	UL 50Mbps-DL 100Mbps	UL 50Mbps-DL 100Mbps	UL 50Mbps-DL 100Mbps	
认证与准入		•CCC •CTA(NAL) •FCC •RoHS •Verizon Certificated	•FCC •RoHS •Verizon Certificated	• CCC	• CCC	•CE •GCF •PTCRB •FCC •IC •RoHS •AT&T Certificated	•CE •GCF •PTCRB •FCC •IC •RoHS •AT&T Certificated	•CCC •CE •GCF •PTCRB •FCC •NCC •RoHS	•CCC •CE •GCF •RoHS	•CCC •CE •GCF •NCC •RoHS	•CCC •CTA(NAL) •CE •GCF •RoHS	•CE •GCF •FCC •PTCRB •Anatel •A-tick •RoHS	•CE •RoHS	•CE •GCF •RoHS	•CE •RoHS	•CCC •CTA(NAL) •SRRC •RoHS	•FCC •PTCRB •AT&T Certificated •RoHS	•FCC •AT&T Certificated •RoHS	• CE •GCF •RoHS		
可 选 配 选 件	欧洲、中东					●		●	●	●	●			●	●					●	
	拉美								●	●	●										
	北美	●	●					●	●	●	●	●	●					●	●		
	亚太					●		●		●	●	●	●			●	●		●		
	澳大利亚					●		●		●	●	●	●								
	俄罗斯					●		●		●	●	●	●								
	中国	●		●	●	●	●	●	●	●	●					●	●				
	模拟语音	●		●	●	●	●	●	●	●	●										
	PCM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	
	UART	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	USB	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Analog Audio	●		●	●	●	●	●	●	●	●										
	PCM Audio	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	
	Sim Card	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	GPIO	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Power supply	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Reset	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Embedded tcp/ip stack	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	FTP					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	HTTP					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
SMTP					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Netscan								●	●	●	●	●	●	●	●	●	●				
Cell Lock					●				●	●	●	●	●	●	●	●	●				
Jamming Detection									●	●	●	●	●	●	●	●	●				
FOTA					●			●	●	●	●	●	●	●	●	●	●		●		
TTS								●	●	●	●	●	●	●	●	●	●				
Thermal Protection	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
GPS																					
Firmware update via USB/UART	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
USD driver for Linux	●		●	●	●			●	●	●	●	●	●	●	●	●	●	●	●		
USB driver for Android	●		●	●	●			●	●	●	●	●	●	●	●	●	●	●	●		
UART CMUX								●	●	●	●	●	●	●	●	●	●	●	●		