



**Incredibly small. Amazingly fast.
Remarkably affordable.**

Ideal for M2M applications, such as kiosks, digital signage and failover. The ultracompact EMU CAT1 Modem is a high-speed multiband cellular modem encased in an innovative lightweight slimline enclosure.

EMU CAT 1 MODEM SPECIFICATIONS

MULTIBAND CELLULAR MODEM

Height	Width	Depth	Weight
3.31 inches (84 mm)	2.24 inches (57 mm)	0.7 inch (17.79 mm)	2.1 oz (60 g)
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Standard:	4G LTE with 3G/2G fallback (carrier specific)		
Connectivity:	One micro USB 2.0 connector for connection to host devices; one mini UICC card slot		
Antenna connectivity:	Two edge-mounted SMA connectors for external antennas		
IP Protocol:	IP pass-through or bridge mode		
Modem configuration:	Supports extended AT commands		
OS compatibility:	Linux 2.6.16 or higher; Android Honeycomb or higher; Windows 10, 8.1, 8, 7, CE; Windows Mobile 6.5		
Power input:	USB 2.0 Compatible (Optional Wall Adapter for Non-USB applications)		
TRP:	18 dBm (LTE)		
TIS:	-91 dBm (LTE)		
Operating temperature:	-30°C to 85°C		
Compliance:	3GPP Release 9 and LTE Category 1		
Certifications:	FCC Part 15, Class A, RoHS, PTCRB, Industry Canada, CE, AT&T, Verizon Private Network		

EM1000T-NA-CAT1

EM1000-VZ-CAT1

NA	VZ
U.S.A., Canada	U.S.A.
AT&T (GSM)	Verizon
4G LTE	4G XLTE
Band 2 (1900 MHz)	Band 2 (1900 MHz)
Band 4 (1700 MHz)	Band 4 (1700 MHz)
Band 5 (850 MHz)	Band 13 (700 MHz)
Band 12 (700 MHz)	
Band 13 (700 MHz)	
3G	
Band 2 (1900 MHz)	
Band 5 (850 MHz)	