



**Incredibly compact.**  
**Amazingly fast. Exceptionally rugged.**

Ideal for size- and weight-sensitive surface-mounted applications—and for failover—the compact EMU Router is the world's first open source industrial M2M router. It features a high-speed wireless router and multiband cellular modem encased in a single, ruggedized metal enclosure. The EMU Router is easy to set up and manage via the Connected IO Cloud subscription service.

## EMU ROUTER SPECIFICATIONS

### WIRELESS ROUTER AND MULTIBAND CELLULAR MODEM

Height	Width	Depth	Weight
4.38 inches (111.23 mm)	4.19 inches (106.43 mm)	1 inch (25.4 mm)	10.79 oz (306 g)
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Standard:	4G LTE with automatic 3G/2G fallback		
Connectivity:	Dual Ethernet ports configurable to 3G/4G WAN and LAN		
Antenna connectivity:	Two edge-mounted SMA connectors for external antennas		
IP Protocol:	Full routing, IP pass-through or bridge mode		
Embedded OS:	OpenWRT Linux		
OS compatibility:	Linux 2.6.16 or higher; Android Honeycomb or higher; Windows 8.1, 8, 7, CE; Windows Mobile 6.5		
Power input:	12VDC, 2A : (100–240 VAC)		
TRP:	18 dBm (LTE)		
TIS:	-91 dBm (LTE)		
Operating temperature:	-20°C to 55°C		
Compliance:	3GPP Release 9 and LTE Category 3		
Certifications:	FCC Part 15, Class A, RoHS, PTCRB, Industry Canada, CE, AT&T		

### ER1000T-NA

### MODELS

### ER1000T-EU

NA	EU
U.S.A. Canada	Latin America, Europe, Australia
AT&T (GSM)	Multiple Carriers
<b>4G LTE</b>	<b>4G LTE</b>
Band 17 (700 MHz)	Band 20 (800 MHz)
Band 5 (850 MHz)	Band 3 (1800 MHz)
Band 4 (1700 MHz)	Band 7 (2600 MHz)
Band 2 (1900 MHz)	
<b>3G</b>	<b>3G</b>
Band 5 (850 MHz)	Band 8 (900 MHz)
Band 2 (1900 MHz)	Band 1 (2100 MHz)
<b>2G</b>	<b>2G</b>
GSM (850 MHz)	GSM (900 MHz)
PCS (1900 MHz)	DCS (1800 MHz)