



Remarkably rugged. Extremely compact.

Operator certified, secure, and cost-effective, the ER2500T-NA-CAT1 router is designed for enterprise-grade M2M- and IoT-enabled solutions. With an innovative, lightweight design, the ER2500T-NA CAT1 is a perfect fit for even the most challenging requirements.

Simplify network management.

The ER2500T-NA-CAT1, with its open source Linux-based OS, is ready to go right out of the box. It can be easily configured, deployed, and monitored using our cloud management portal.

See how our routers are used worldwide.

Companies around the globe use Connected IO routers in a wide array of industries and applications, including digital signage, POS, vending machines, security, monitoring and control, and failover.

Standard:	4G LTE Category 1 with 3G fallback
Speeds:	Cat 1 10Mbps download and 5Mbps upload HSPA+ 21Mbps download and 5.76Mbps upload
Processor:	580 MHz MIPS 24K CPU Core; 128MB of DDR2 RAM
Connectivity:	Five 10/100BASE-T Ethernet ports (RJ-45 connector) One 2FF UICC card slot Four SMA connectors (two for LTE and two for Wi-Fi)
Antennas:	Four SMA dipole antennas (included)
Wi-Fi:	2x2 MIMO 2.4-GHz 802.11b/g/n
Network, Routing:	IPV4, IPV6, static routing, port forwarding and DHCP server, MAC filtering
VPN:	OpenVPN IPSEC Tunnel via StrongSwan
Embedded OS:	OpenWRT (Linux based)
OS compatibility:	Linux 2.6.16 or later; Android KitKat (4.4) or later; Windows 10, 8.1, 8, 7, CE; Windows Mobile 6.5
Power input:	12V DC 2A
Operating temp:	-20°C to 55°C
Compliance:	LTE Category 1 3GPP Release 9
Certifications:	FCC Part 15 Class B, CE, CISPR Class B, PTCRB, RCM, RoHS, AT&T, T-Mobile, Industry Canada

ER2500T-NA-CAT1

[U.S.A., Canada](#)

[AT&T, T-Mobile](#)

4G LTE

- Band 2 (1900 MHz)
- Band 4 (1700 MHz)
- Band 5 (850 MHz)
- Band 12 (700 MHz)
- Band 13 (700 MHz)

3G

- Band 2 (1900 MHz)
- Band 5 (850 MHz)

IN THE BOX



Dimensions:	Height	Width	Depth	Weight
	4.17 inches (105.95 mm)	4.51 inches (114.6 mm)	1.01 inch (25.7 mm)	5.5 oz (156 g)