E200
Series

maestro

empowering wireless

Cellular / WAN / LAN / Wi-Fi / M2M router

With high-speed cellular (3G and beyond), wired WAN, LAN and Wi-Fi connectivity, the E200 is a highly versatile, reliable and rugged router designed for mission-critical enterprise applications requiring faultless connectivity.

The E200 comes in two models; the cost-effective HSDPA ensures always-on connectivity for 2G migration or low-latency applications such as energy and sales & payment, while the HSPA+ 4-band is ideal for deployment in vertical markets requiring high-speed or global roaming such as security and transportation.

Key features

✓ Cellular / wired WAN / LAN / Wi-Fi
✓ WAN failover and load-balancing
✓ Access-Point mode with multiple SSID's
✓ Support PPTP and OpenVPN
✓ GPS output and SMS event reporting
✓ Wide 9-60VDC power input
✓ User-friendly GUI
✓ OTA configuration management

Easy configuration
The E200 Series can be configured through an easy-to-use web interface; a configuration wizard will help the user setting-up the router step-by-step and select their primary and failover network.

Target markets

✓ Failover / Business continuity
✓ Digital signage
✓ Sales and payment
✓ Monitoring and control

E200 Series

Technical specifications

FEATURES	E205XT02	E205XT04	E206XT
INTERFACES			
Cellular interface	GSM / GPRS / EDGE / HSDPA		GSM / GPRS / EDGE / HSPA+ CDMA2000 1X / EV-DO Rev. A
GSM / GPRS / EDGE	Global 4-bands - 2,3,5,8		
CDMA2000 1X	-		2-bands - 0,1
HSDPA	2-bands - 1,8	3-bands - 1,5,6	4-bands - 1,2,5,6
Downlink / Uplink	up to 3.6Mbps / 384kbps	up to 3.6Mbps / 384kbps	up to 14.4Mbps / 5.76Mbps
EV-DO Rev. A	-		800 / 1900MHz
SMA antenna connector (50Ω)	Cellular x 1 & GPS x 1		Cellular x 1 - Diversity and GPS x 1
LAN on RJ45 connector with Tx / Rx LEDs	✓		
WAN on RJ45 connector with Tx / Rx LEDs	Switchable to LAN		
Wi-Fi on RP-SMA antenna connector (50Ω)	✓		
Micro-Fit™ 4-pin connector	2-pin 9V ~ 60V DC in		
Reset button	✓		
SOFTWARE			
Administration / management	Web-based user interface, quick set-up wizard, console log viewer, save/load configuration NTP, SMS / OTA remote configuration, TR-069 capable		
Redundancy	Ethernet, cellular, Wi-Fi - Configurable as failover or load-balancing		
Security	Zone based firewall, VLAN, DMZ, HTTPS local and remote connection, SIM PIN		
Resiliency	Network connectivity watchdog (configurable), internal application watchdog		
Performance / fault management	Real time processor load and interface (WAN / LAN / Wi-Fi), traffic analysis, ICMP, trace-route, NS lookup		
Routing	DHCP, static routing, port-forwarding, traffic routing, static/dynamic DNS, DNS proxy, NAT, STP		
VPN	PPTP client, Open VPN client / server / pass-through		
Wi-Fi	IEEE 802.11b/g/n 1T1R (max. 150Mbps throughput) Client or Access-Point, multiple SSID		
- Security	WEP, WPA, WPA-PSK/WPA2-PSK		
M2M services	GPS NMEA output (local and remote), SMS based event reporting		
GENERAL			
Material	Brushed aluminum alloy, DIN Rail mountable		
Dimension without connectors	84 x 60 x 25mm		
Weight	90g		
Operating temperature range	-10°C ~ +55°C		
Operating status LEDs x 6	Alert / Power / Cellular signal, network & activity / Wi-Fi		
SIM interface (2FF)	SIM 1.8V / 3.0V		SIM & R-UIM 1.8V / 3.0V
Embedded SIM (MFF2) available upon request	✓		
CERTIFICATIONS AND APPROVALS			
Regulatory	CE / A-Tick		FCC / PTCRB
Carrier approval	-	Telstra / NTT docomo	AT&T / Verizon

ORDERING INFORMATION			
Device part number	E205XT02	E205XT04 / E205XT04NTT	E206XT
Starter kit part number	E205XT02-B	E205XT04-B / E205XT04NTT-B	E206XT-B
STANDARD ACCESSORIES / EVALUATION KIT CONTENT			
ACC-A21	Dual-band 2.4/5.8GHz - Dipole antenna, hinged - RP-SMA(M)		
ACC-A22	Ultra wide-band 698~960/1575.42/1710~2700Mhz L-shape antenna, hinged - SMA(M)		
ACC-CA10	4-pin Micro-Fit™ 3.0 (M) to stripped wire with 2.5A fuse - cable length = 1000m		
ACC-CA29	RJ45 (M) to RJ45 (M) cross cable - cable lenght = 1000mm		
ACC-PS01	4-pin Micro-Fit™ 3.0 (M), 1.2A power adaptor with Europlug 2-pin plug - Europe		
ACC-PS09	4-pin Micro-Fit™ 3.0 (M), 1.2A power adaptor with NEMA 2-pin plug - America		
ACC-PS10	4-pin Micro-Fit™ 3.0 (M), 1.2A power adaptor with AS 3112 3-pin plug - Australia and New-Zealand		
ACC-PS11	4-pin Micro-Fit™ 3.0 (M), 1.2A power adaptor with BS1363 3-pin plug - UK		
ACC-DIN	Metal DIN rail clip		

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