



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

Target markets

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

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.

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Technical specifications

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 Routing DHCP, static routing, port-forwarding, traffic routing, static/dynamic DNS, DNS proxy, NA VPN PPTP client, Open VPN client / server / pass-through	DO Rev. A 1 5,6 76Mbps Hz			
GSM / GPRS / EDGE CDMA2000 1X / EV-D GSM / GPRS / EDGE Global 4-bands - 2,3,5,8 CDMA2000 1X - 2-bands - 0,7 HSDPA 2-bands - 1,8 3-bands - 1,5,6 4-bands - 1,2,5 Downlink / Uplink up to 3.6Mbps / 384kbps up to 14.4Mbps / 5.3 800 / 1900MH SMA antenna connector (50Ω) Cellular x 1 & GPS x 1 Cellular x 1 - Diversity at 800 / 1900MH SMA antenna connector (50Ω) Cellular x 1 & GPS x 1 Cellular x 1 - Diversity at 800 / 1900MH WAN on RJ45 connector with Tx / Rx LEDs ✓ ✓ WAN on RJ45 connector with Tx / Rx LEDs ✓ ✓ Wi-Fi on RP-SMA antenna connector (50Ω) ✓ ✓ Wi-Fi on connector 2-pin 9V ~ 60V DC in Reset button SoFTWARE ✓ SoFTWARE ✓ Administration / management Web-based user interface, quick set-up wizard, console log viewer, save/load configure NTP, SMS / OTA remote configuration, TR-069 capable Redundancy Redundancy Ethernet, cellular, Wi-Fi - Configurable as failover or load-balancing Zone based firewall, VLAN, DMZ, HTTPS local and remote connection, SIM PIN Resiliency Network connectivity watchdog (configurable), internal application watchdog Performance / fault manag	DO Rev. A 1 5,6 76Mbps Hz			
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Routing DHCP, static routing, port-forwarding, traffic routing, static/dynamic DNS, DNS proxy, NJ VPN PPTP client, Open VPN client / server / pass-through	Network connectivity watchdog (configurable), internal application watchdog			
VPN PPTP client, Open VPN client / server / pass-through	Real time processor load and interface (WAN / LAN / Wi-Fi), traffic analysis, ICMP, trace-route, NS lookup			
	DHCP, static routing, port-forwarding, traffic routing, static/dynamic DNS, DNS proxy, NAT, STP			
Wi-Fi IEEE 802.11b/g/n 1T1R (max, 150Mbps throughput) Client or Access-Point, multiple S	PPTP client, Open VPN client / server / pass-through			
	IEEE 802.11b/g/n 1T1R (max. 150Mbps throughput) Client or Access-Point, multiple SSID			
- Security WEP, WPA, WPA-PSK/WPA2-PSK	WEP, WPA, WPA-PSK/WPA2-PSK			
M2M services GPS NMEA output (local and remote), SMS based event reporting	GPS NMEA output (local and remote), SMS based event reporting			
GENERAL				
Material Brushed aluminum alloy, DIN Rail mountable	Brushed aluminum alloy, DIN Rail mountable			
Dimension without connectors 84 x 60 x 25mm	84 x 60 x 25mm			
Weight 90g	90g			
Operating temperature range $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$	-10°C ~ +55°C			
Operating status LEDs x 6 Alert / Power / Cellular signal, network & activity / Wi-Fi	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	1			
CERTIFICATIONS AND APPROVALS				
Regulatory CE / A-Tick FCC / PTCRB				
Carrier approval - Telstra / NTT docomo AT&T / Verizo	,			

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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