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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# E200 Series



## 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

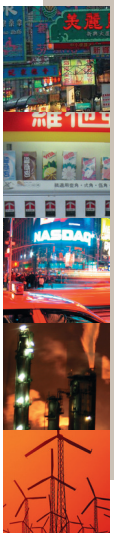
- ✓ Cellular / wired WAN / LAN / Wi-Fi
- ✓ WAN failover and load-balancing
- ✓ Access-Point mode with multiple SSID's
- ✓ Support PPTP and OpenVPN
- ✓ GPS output and SMS event reporting
- ✓ Wide 9-60VDC power input
- ✓ User-friendly GUI
- ✓ OTA configuration management

### 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



## Technical specifications

FEATURES	E205XT02	E205XT04	E206XT
<b>INTERFACES</b>			
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	✓		
<b>SOFTWARE</b>			
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		
<b>GENERAL</b>			
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	✓		
<b>CERTIFICATIONS AND APPROVALS</b>			
Regulatory	CE / A-Tick		FCC / PTCRB
Carrier approval	-	Telstra / NTT docomo	AT&T / Verizon

<b>ORDERING INFORMATION</b>			
Device part number	E205XT02	E205XT04 / E205XT04NTT	E206XT
Starter kit part number	E205XT02-B	E205XT04-B / E205XT04NTT-B	E206XT-B
<b>STANDARD ACCESSORIES / EVALUATION KIT CONTENT</b>			
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 length = 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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