



TR-CPQ SERIES

All-in-One Advanced CPE Model

Tranzeo is pleased to announce our all new TR-CPQ series 2.4 GHz products. A worthy successor to our popular CPE200 series, this powerful **Client Adapter (CPE)** features NAT Routing and QOS!

Lower Power Requirements – Less than 4 Watts

Excellent for solar and other alternative power source installations

Client NAT Router with QOS

Full QOS on this client device gives you all the control necessary for a smooth running wireless network. Turn on the auto-classification for worry free shaping of real-time, interactive traffic, such as gaming, VoIP and video teleconferencing. Or create custom rules based on your individual needs.

Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption and user authentication.



Back Panel



Alignment LEDs

Now you can align your client installations without having to log into the radio. Get visual signal strength at a glance by using this great new feature.

Controllable High Gain Output

All radios have +23 dBm of output. Great for long distance client applications. Power can be scaled back for closer installations to avoid noise issues and to meet FCC requirements.

Plus all of the features that made the CPE200 so popular

- Multiple MAC Bridge Support
- Remote Management & Remote Update Capability
- Adjustable RTS/CTS settings
- Web Management
- DHCP Client
- Grounding Post for easier grounding
- Outdoor CAT5 Connector
- Power over Ethernet (PoE)
- 128bit WEP, WPA/WPA2
- Transient Discharge Protection (Tested to 2200volts)
- High Output LEDs
- Signal and Noise levels in dBm



TR-CPQ Series Specifications

Features					
Standard		802.11b/g*			
Frequency Range		2400 – 2483.5 MHz			
Radio Mode		Customer Premise Equipment			
Data Range & Modulation		b-mode	5.5/11 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK		
		g-mode	48/54 Mbps QAM-64, 24/36 Mbps QAM-16, 12/18 Mbps QPSK, 6/9 Mbps BPSK		
Communication Method		Half-Duplex			
Transmit Power		+23 dBm max			
Receiver Sensitivity		b-mode	-85dBm @ 11 Mbps, -90dBm @ 1 Mbps		
		g-mode	-72dBm @ 54 Mbps, -89dBm @ 6 Mbps		
Polarization		Horizontal or Vertical			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-CPQ-N [•]	N-Connector	105	165	N/A	N/A
TR-CPQ-15 [•]	15 dBi Panel (internal)	105	165	20°	33°
TR-CPQ-19 [•]	19 dBi Panel (internal)	182	285	15°	16°
Management					
Remote Configuration		Based on IP Address			
Device Management		Windows Utility, Web-Based Management, SNMP (MIB-II and 80211 mib compliant)			
Protocol Supported		TCP/IP			
Security		40/64 bits and 128 bits WEP encryption, Media Access Control address filter (MAC), WPA and WPA2 (TKIP/AES) encryption			
Ethernet Connector		10/100 Base T (water tight RJ-45)			
Operating Temperature		-65°C to +60°C			
Warranty		5 year for parts /3 year for parts and labour**			
Dimensions					
TR-CPQ-N / TR-CPQ-15		13.22" X 10.28" X 3.50" (radio only)			
TR-CPQ-19		16.18" X 14.43" X 3.50" (radio only)			
Power Supply					
Universal		AC Power Adapter (US, UK, EU Snap In Plugs) Input: 120-240 VAC ~ 50-60 Hz, 0.6 A Output: 18.0 VDC, 1.1 A			

Specifications are subject to change without notice.

*g-mode available only in radio product built after January 10, 2007.

• f (FCC) and W (World) Models - Subject to local regulations.

**3 and 5 Year warranties only apply to radio products built after December 1, 2006 and December 31 2007, respectively.