

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
- Transient Discharge Protection (Tested to 2200volts)
- High Output LEDs
- Signal and Noise levels in dBm



Specifications TR-CPQ-Nf / TR-CPQ-15f / TR-CPQ-19f

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-Nf	N-Connector	105	165	N/A	N/A
TR-CPQ-15f	15 dBi Panel (internal)	105	165	20°	33°
TR-CPQ-19f	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 bits and 128 bits WEP encryption, Access Control address filter (MAC), WPA encryption			
Ethernet Connector		10/100 BaseT (water tight RJ-45)			
Operating Temperature		-65°C to +60°C			
Warranty		3 year depot**			
Dimensions					
TR-CPQ-Nf / TR-CPQ-15f		13" X 10-1/8" (radio only)			
TR-CPQ-19f		16" X 14-1/4" (radio only)			
Power Supply					
Standard		AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA			

Specifications are subject to change without notice.

Subject to local regulations.

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

**3 Year warranties only apply to radio product built after December 1, 2006.