TR-CPQ SERIES

All-in-One Advanced CPE Model

Tranzeo is pleased to announce our all new TR-CPQ series 2.4GHz 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 you can 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.

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 23dBm 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.
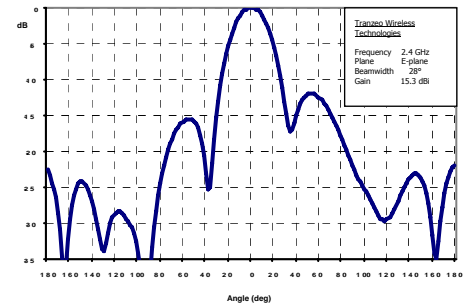
Plus all of the features that made the CPE200 so popular!

- 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
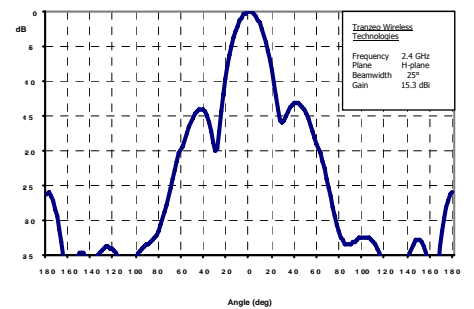- Signal and Noise levels in dBm

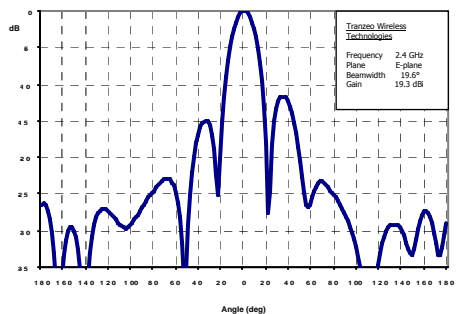# Specifications TR-CPQ-Nf / TR-CPQ-15f / TR-CPQ-19f

Features	
Standard	802.11b
Frequency Range	2400 – 2483.5 MHz
Radio Mode	Customer Premise Equipment
Data Range & Modulation	11Mbps & 5.5Mbps CCK, 2Mbps DQPSK, 1 Mbps DBPSK
Communication Method	Half-Duplex
Transmit Power	+23dBm
Receiver Sensitivity	-88 @ 11Mbps, -95 @ 1Mbps
Polarization	Horizontal or Vertical

Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-CPQ-Nf	N-Connector	100	160	N/A	N/A
TR-CPQ-15f	15dB Panel (internal)	100	160	20°	33°
TR-CPQ-19f	19dB Panel (internal)	170	270	15°	16°

Management	
Remote Configuration	Based on IP Address
Device Management	Windows Utility, Web-Based Management
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	1 year depot

Dimensions	
TR-CPQ-Nf / TR-CPQ-15f	13" x 10"
TR-CPQ-19f	16" x 14"

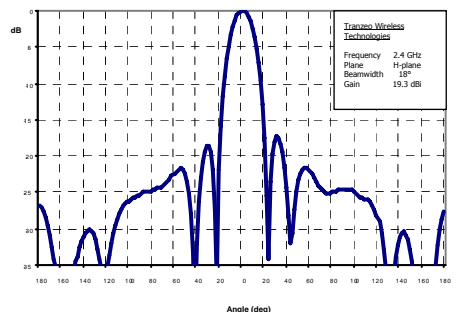| Power Supply	
Standard	AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA

TR-CPQ-15f E-Plane

TR-CPQ-15f H-Plane

TR-CPQ-19f E-Plane

TR-CPQ-19f H-Plane

Specifications are subject to change without notice.
Subject to local regulations.