



# TDP2PR-4G | SPEC SHEET

Chipset	QCA9531			
DRAM	DDR2 128MByte			
FLASH	16MByte			
Port	10/100M (WAN) port*1, support Auto MDI/MDIX 10/100M (LAN) port*1, support Auto MDI/MDIX			
Speed	11b: 11M, 5.5M, 2M, 1Mbps			
	11g: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps			
	11N:6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M, 58.5M, 65M, 81M, 108M, 121.5M, 135M, 150M, 270M, 300Mbps			
Transmission	DSSS			
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Standard	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u			
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5			
Channel	2412~2472MHz			
Power Dissipation	≤ 10W			
Power	POE 24V 1A			
RF @25℃± 2dB	802.11b	27±2dBm		
	802.11g	6-24Mbps	27±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	22±2dBm	
	802.11n	HT20	MCS 7	22±2dBm
		HT40	MCS 7	22±2dBm
Sensitivity	IEEE 802.11b	11Mbps ≤ -85dBm		
	IEEE 802.11g	54Mbps ≤ -70dBm		
	802.11n	HT20	MCS 7 ≤ -65dBm	
		HT40	MCS 7 ≤ -62dBm	
Antenna	Frequency	2412~2487MHz		
	Polarization	Vertical/Horizontal		
	Gain	5DBi		
4G system	Support all-network 4G; Built-in 4G antenna			
	Band	GSM900/1800+TDD B38/39/40/41+FDD B1/3/8+WCDMA B1/8+TDS B34/39		
	Data	TDD	3GPP R9 CAT4 Download 150Mbps, Upstream rate 50Mbps	
		FDD	3GPP R9 CAT4 Download 150Mbps, Upstream rate 50Mbps	
TD-SCDMA		Download 2.8Mbps, Upstream rate 2.2Mbps		

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	WCDMA	3GPP R7 Download 21Mbps, Upstream rate 5.76Mbps
	EDGE	Class12, Download 236.8kbps, Upstream rate 118kbps
	GPRS	Class10, Download 85.6kbps, Upstream rate 85.6kbps
Card slot	Sim card slot*2	
Management	WEP Management	Yes
	SNMP MIB	Yes
	Telnet	Yes
	Serial	Yes
Security	MAC Address Control	No
	Encryption	WEP 64/128bits,WPA,WPA2,802.1x

**Product specifications**

Size : 9.8\*4.5\*3.81 in

N.W : 1lb



Pack size : 10.8\*5.5\*4.4 in

G.W : 1.3 lb

**Advantages :**

- 1.Unified network management, support local, platform firmware upgrade, configuration upgrade
- 2.Support 10/100M (WAN) port\*1, can connect xDSL Modems/cable modems/Internet  
Support 10/100M (LAN) port\*1, support Auto MDI/MDIX  
Provide 1 serial configuration port
- 3.Support automatic adjustment of wireless transmission rate
- 4.Support 2.4G , Output Power up to 500mw
- 5.Support 64/128 bit WEP encryption, Encryption and security mechanisms such as WPA, WPA2, WPA-Hybrid, Guarantee the security of data transmitted over the wireless network

- 6.Support customized SSID and encryption
- 7.Built-in network address translation (NAT)
- 8.Built-in DHCP server

Package attachment

Warranty card, router, user manual,24V PoE adapter, Screw, rubber plug, pole holder, Ring

Operating Condition

Operating Temperature : -40°F to 176°F

Storage Temperature : -40°F to 176°F

Operating Humidity : 10% to 90%RH (Non-condensed)

Storage Humidity : 5% to 90%RH(Non-condensed)