

Spec of TL-WR841N(UN) 11.0

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	chipset	QCA9533 2.0
CPU/MPU	manufacturer	Atheros
	model No	QCA9533 2.0
	Frequency	650MHz
Switch	manufacturer	x
	model No	x
MAC/BB	manufacturer	x
	model No	x
PHY	manufacturer	x
	model No	x
RFTransceiver	manufacturer	x
	model No	x
PA	manufacturer	x
	model No	x
RFLNA	manufacturer	x
	model No	x
RAM	manufacturer	Zentel
	type	DDR
	storage capacity	256Mbit
Flash	manufacturer	Gigadevice
	type	SPI
	storage capacity	32Mbit
PCB	PCB version	1
	layers	two layers
	size (L*W*H)	124.00*83.00*1.0
power Adapter	power type	SA
	Input Power	100-240V/50-60Hz
	output parameter	9VDC/0.6A
max Power Consumption	Without Power Adapter	3.4W
	With Power Adapter	4.0W
Wireless transmit power (FCC)	11b	max 18dBm
	11g	max 21dBm
	11n	max 21dBm
Wireless transmit power (CE)	11b	max 15dBm
	11g	max 15dBm
	11n	max 15dBm
Reception Sensitivity	270M	-70dBm@10%PER
	130M	-74dBm@10%PER
	108M	-74dBm@10%PER
	54M	-77dBm@10%PER
	11M	-87dBm@8%PER
	6M	-90dBm@10%PER
LED	1M	-98dBm@8%PER
	PWR	1
	SYS	x
	WLAN	1
	WAN	1
	LAN	4

		QSS	1	
		USB	x	
		Color	WAN: Green or Orange Others: Green	
	Antenna	Frequency Range	2.4GHz-2.5GHz	
		gain	5.0dBi	
		shape	Antenna C shape	
		number	2	
		Orientation	Omin	
		Interface Type	Weld	
		description	2*2MIMO	
	Interface	QSS	1	
		Reset	√	
		UTP Wan	1	
UTP Lan		4		
USB		x		
		material	250g Grey+B9B	
		size (L*W*H)	288*202*86	
	accessory	Resource CD	√	
		Quick Installation Guide	√	
		RJ-45 Ethernet Cable	√	
		Power Injector	x	
	Shell	description	A-192	
size (L*W*H)		192*132*36		
System	Maximum Number of Current Session		5120	
	AUTO NEGOTIATION/AUTO MDI/MDIX		√	
	FLOW CONTROL		x	
	Operation Mode	Selection	x	
		AP Router	√	
		AP-Client Router	x	
		Access Point	x	
	WAN Connection	Detection	Detection	√
			Dynamic IP/Static IP	√
			PPPoE	√
			BigPond Cable	√
			802.1x+Dynamic/Static IP	x
			L2TP/PPTP	√
		Dual Access	Dual Access (Russia PPPoE)	√
			Russia PPTP	√
			Russia L2TP	√
		Dial up Mode	Connect Automatically	√
			Dial on demand	√
	Connect Manually		√	
	Time based connecting		√	
		MAC Clone	√	
	IPv6	SLAAC	√	
		DHCPv6	√	
		Static IPv6	√	
		Tunnel 6to4	√	
		PPPoEv6	√	
Guest Network	Wireless	√		
	USB	x		
	WAN	√		
VI SM/(Variable Length Subnet Mask)				

Function	VLAN(variable Length Subnet mask)		LAN	√	
	DHCP	Server		√	
		Client		√	
		DHCP Client List		√	
		Address Reservation		32	
	VPN Pass-through		PPTP	√	
			L2TP	√	
			IPSec (AH Head)	x	
			IPSec (ESP Head)	√	
	Forwarding	Virtual Server		16	
		Port Triggering		16	
		DMZ		√	
		UPnP		√	
		ALG	FTP		√
			TFTP		√
			H.323		√
	SIP		√		
	RTSP		√		
	DDNS	DynDns		√	
		Oray		x	
		Comexe		√	
		NO-IP		√	
	Access Control	Parental Control		8	
		Local Management Control		4	
		Host List		16	
		Access Target		16	
		Access Schedule		16	
		Rule Management		32	
	Firewall	Firwall		√	
		SPI Firewall		√	
		Remote Management		√	
		IP Address Filter		implement in Access Control	
MAC Address Filter		implement in Access Control			
Domain Filter		implement in Access Control			
IP and MAC Address Binding		256			
DoS Protection		DoS Protection		√	
		ICMP-FLOOD Attack Filtering		√	
		Enable UDP-FLOOD Filtering		√	
		Enable TCP-SYN-FLOOD Attack Filtering		√	
	Ignore ping packet from WAN port		√		
	Forbid Ping Packet From LAN Port		√		
Others	IGMP		√		
	IGMP Snooping		√		
	Static Routing		16		
	Tracert		√		
	QoS (IEEE 802.11e)		√		
	IP QoS/Bandwidth Control		16		
	Network Sharing via USB port		x		
	Quick Setup		√		
	SNMP		x		
	Time Setting (NTP)		√		
	Restore&Backup configuration		√		

	System Tools	Firmware update via Web	√	
		Firmware update via TFTP	×	
		System Log	√	
		System Log Mailing	√	
		Diagnostic tools	√	
		Ping Watch Dog	×	
		Statistics	√	
Wireless	Frequency		2.4GHZ	
	Enable/Disable Wireless Radio		√	
	Wireless Channel (1~13)		√	
	Wireless Channel AUTO Selection		√	
	Roaming		√	
	WMM		√	
	Wireless Statistics		√	
	Throughput Monitor		×	
	Radio Frequency Bandwidth	AUTO	√	
		20MHz	√	
		40MHz	√	
	Radio Power	Support Selection	√	
		High	√	
		Middle	√	
		Low	√	
	Support & Compatibility wireless Rate	Support Rate mode selection		√
		11Mbps (802.11b)		√
		54Mbps (802.11g)		√
		Static 108Mbps		×
		Dynamic 108Mbps		×
		300Mbps (802.11n)		√
	Wireless Security	Enable/Disable SSID Broadcast		√
		WEP		√
		WPA/WPA2		√
		WPA/WPA2-PSK		√
		QSS		√
		Wireless MAC Filter		√
	Wireless Mode	WDS (Four Address)		√
		WDS(AP+APC)		√
		AP		√
Repeater		×		
Universal Repeater		×		
Point to Point Bridge		×		
Multi-Bridge		×		
Bridge with AP		×		
AP Client		×		
Multi-SSID		×		
VLAN		×		