

WRC-1000

Wireless Routing Center

Specifications		
Routing Features	WAN Port Features	PPPoE (PPP over Ethernet) Client, PAP Authentication, DHCP Client, MAC Address Cloning, IP address setting and changing
	LAN Port Features	DHCP Server, IP address setting and changing
	Router Features	NAT, Firewall Support, Static Routing, Bridge mode Support, IP Filtering, IP Forwarding, DMZ Hosting, DNS Forwarding, Windows Messenger for MS Windows XP Support, UPnP Support for MS Windows XP
	Security Features	PAP Authentication, WEP encryption using RC4 with 64 and 128 bit key length, Support IP packet filtering based on IP address, port number, and protocol VPN Support (IPSec Passthrough, and PPTP Passthrough), IEEE 802.1x Support
Device Management	Configuration and Management Features	Accessible via embedded Web browser configuration tool
	Configuration through Web Browser via LAN (secured)	Yes
	Configuration through Web Browser via WAN (secured)	Yes, disabled at factory default
	Others	Manual System Clock, NTP client features, WRC device finder utility
Communications Features	LAN	10/100 Fast Ethernet IEEE 802.3/IEEE 802.3u (10BASE-T/100BASE-TX) RJ-45 (4 ports) Support of auto sensing and crossover
	WAN	10/100 Fast Ethernet IEEE 802.3/IEEE 802.3u (10BASE-T/100BASE-TX) RJ-45 Support of auto sensing and crossover
	Wireless LAN	Intersil Prism 2.5 IEEE 802.11b HR IEEE 802.11b HR compatible roaming 2.4GHz - 2.4835GHz 1 to 11 15.5 dBm Typ. up to 100m in open office environment 5 MHz Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK) 11-chip Barker sequence CSMA/CA (Collision Avoidance) with ACK 11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps, dynamic scaling/auto-rating 15.5 dBm -84 dBm for 11 Mbps Internal diversity with connectors Using RC4 with 64 and 128 bit key length Wi-Fi Certified
Supported Network Connector	Others	
Type of Network I/F Chip	Supported Network	Roaming
Frequency Range	Supported Channels	Output Power
Range	Channel Spacing	Modulation
Spreading	Media Access Protocol	Transfer Data Rate
Transmitter output power	Receiver sensitivity (FER < 8%)	Antenna type
Wireless LAN Security via WEP	Others	

Specifications			
System characteristics	Processor	Type Speed Bus Clock Speed	Broadcom BCM4702 125MHz 33MHz
	Main Memory	Capacity Type of Memory	16MB SDRAM
Firmware ROM	Capacity	Type of BIOS ROM	4MB Flash Memory
	Casework	Dimensions (WxDxH)	215 x 150 x 37 (mm)
Weight		575 gr.	
Ventilation Fan		No	
Logo		TOSHIBA WRC-1000 (on top case)	
Power Switch		Yes (back panel, latch type)	
Reset Switch		Yes (back panel)	
Type of Indicator		LED On Front Panel	
Power Supply	Power Indication	Yes	
	AC Adaptor	Dimension (WxDxH)	85 x 50 x 32 (mm)
	Power	Weight Input Output	134 gr. 100~240V 50/60Hz (Universal) 5V x 2A
AC Power Cable	AC Power Cable	Two-wire type (approx. 1.8m long, black-colored)	
	Environmental conditions	Temperature	operating 5 to 35 degree C
Max thermal gradient		15 degree C/hour	20 degree C/hour
Relative humidity		20% to 80%	10% to 95%
Altitude		-60 to 3000m	-60 to 10,000m
Shock		10G	60G
Vibration		0.3G	0.6G
Certifications	Safety	UL1950, Low Voltage Directive (EN60950 / CE Mark), IEC60950	
	EMI / Radio	FCC part15 (SubpartB)	
	EMI / EMC	CISPR Pub.22 (EN55022) (CE Mark)	
	EMI / EMC, Immunity	EMC Directive(EM+Immunity) (CE Mark)	
	EMI	VCCI class B, FCC part68	
	Radio	FCC part15 (SubpartC)	
	EMC / Radio	R&TTE - ETS300328/ETS300826	
Wireless LAN compatibility	WECA Wi-Fi certification		
Material included	Toshiba WRC-1000 Base Unit		
	AC Power Adapter		
	Power Cord (Standard UK plug / EU plug)		
	Desktop stand		
	Ethernet cable (RJ-45)		
Warranty	Quick Start Guide, multi-lingual in printed form		
	User's Guide (electronic version on CD-ROM)		
Part Number	Standard Warranty		
	PA3227E-1ETC		

TEG Oct. 2002. Product design specifications and colours are subject to change without notice and may vary from those shown. Errors and omissions excepted.