

TOSHIBA

Toshiba PA3227E-1ETC Specifications

Wireless routing center

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WRC-1000

Specifications

Device Management

Communications Features

- LAN
- WAN
- Wireless LAN

on the Toshiba range of mobile software or visit the Toshiba website to contact your nearest Toshiba Authorised Computer Retailer or visit the Toshiba website: www.toshiba-europe.com or www.toshiba-wireless.com

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, protocol

VPN Support (IPSec, PPTP, and L2TP)

Passthrough, IEEE 802.11 Support

Configuration and Management

Accessible via embedded web browser configuration tool

Features

Configuration through Web Browser

Yes

via LAN (secured)

Configuration through Web browser

Yes, (Default) or Factory default

via WAN (secured)

Others

Manual System Check, WEP, LAN Features, WRC device

Order utility

LAN100 Fast Ethernet

Supported Network

IEEE 802.3/IEEE 802.3u/10/100BASE-TX

Connector

RJ-45 (4 pins)

Others

Support of auto sensing and crossover

LAN100 Fast Ethernet

Supported Network

IEEE 802.3/IEEE 802.3u/10/100BASE-TX

Connector

RJ-45

Others

Support of auto sensing and crossover

Type of Network (IP)

Internal Proxy 2.2

Supported Network

IEEE 802.11b HR

Roaming

IEEE 802.11b HR compatible roaming

Frequency Range

2.4GHz - 2.4825GHz

Supported Channels

1 to 13

Output Power

15.5 dBm

Range

Typ. up to 100m in open office environment

Channel Spacing

3 MHz

Modulation

Direct Sequence Spread Spectrum (DSSS, DQPSK, CS-SS)

Spreading

11-chip Barker sequence

Media Access Protocol

CSMA/CA (Collision Avoidance) with ACK

Transfer Data Rate

11 Mbps (CSMA/CA), 1 Mbps (DSSS)

Roaming (auto-roaming)

Transmitter output power

15.5 dBm

Receiver sensitivity (FER < 0%)

83 dBm for 11 Mbps

Antenna type

Internal diversity with connectors

Wireless LAN Security via WEP

Using RC4 with 64 and 128 bit key length

Others

Wi-Fi Certified

Specifications

System characteristics

Processor

Type

Broadcom BCM102

Speed

320MHz

Bus Clock Speed

32MHz

Main Memory

Capacity

16MB

Type of Memory

DRAM

Hardware ROM

Capacity

4MB

Type of BIOS ROM

Flash Memory

Casework

Dimensions (WxDxH)

215 x 150 x 37 (mm)

Weight

375 g

Ventilation Fan

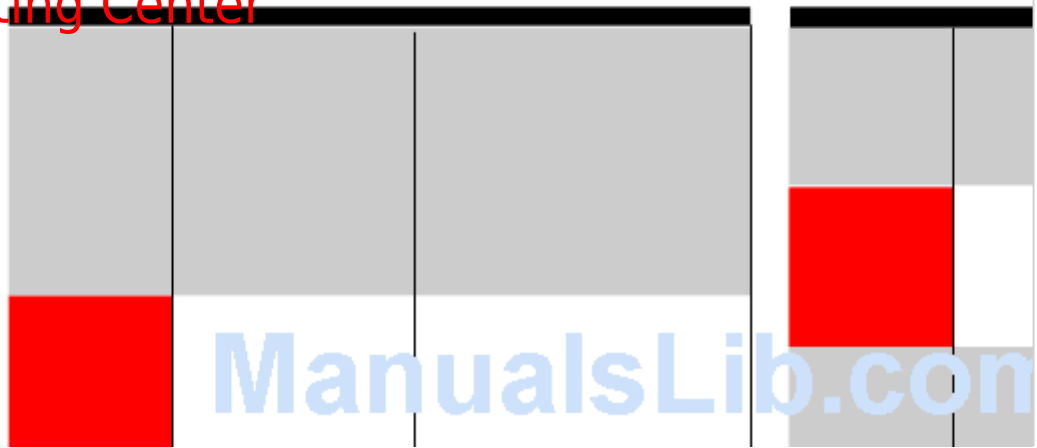
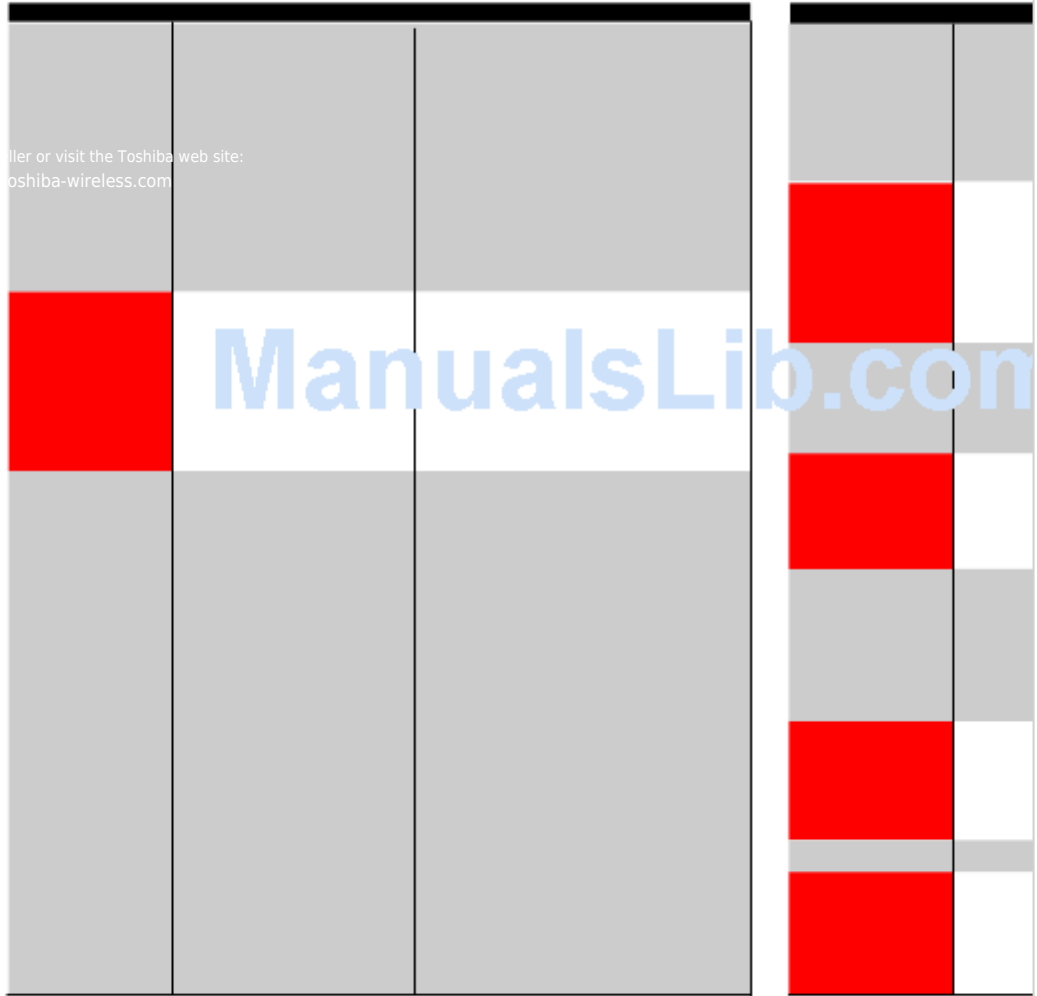
Yes

Logo

TOSHIBA WRC-1000 (on top cover)

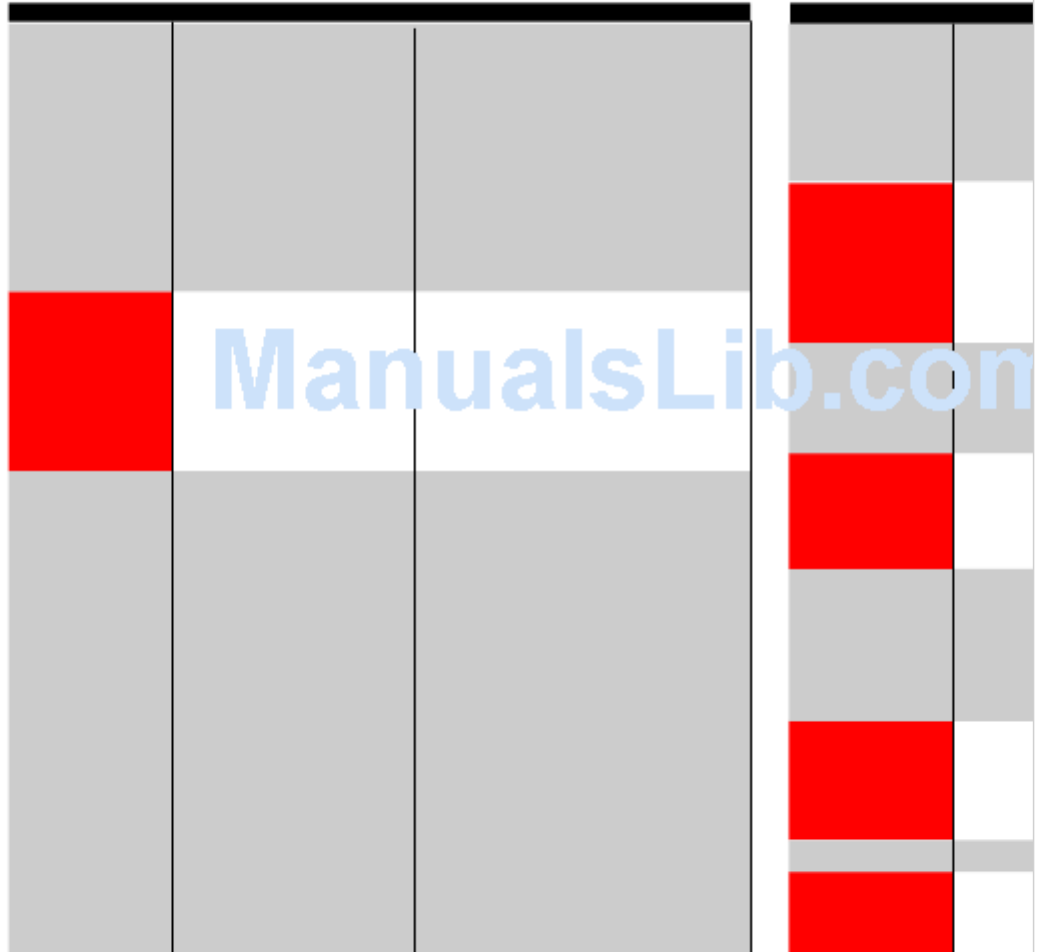
Wireless Center

Routing Center



Power Switch
 Yes (back panel, latch type)
 Reset Switch
 Yes (back panel)
 Type of Indicator
 LED On Front Panel
 Power
 Yes
 Indication
 WLAN, LAN1-4, WLAN (LEDs only) Active
 Mounting options
 Wall or ceiling mountable, or base via desk stand
 Power Supply
 AC Adaptor
 Dimension (WxDxH)
 85 x 50 x 32 (mm)
 Weight
 134 gr
 Power
 Input
 100-240V 50/60Hz (universal)
 Output
 5V x 2A
 AC Power Cable
 Two-wire type (approx. 1.6m long, black-colored)
 Environmental conditions
 Operating
 Temperature
 0 to 35 degree C
 Max thermal gradient
 35 degree C/hour
 Relative humidity
 20% to 80%
 Altitude
 60 to 2000m
 Shock
 IEC
 Vibration
 0.3G
 Certifications
 Safety
 UL1950, Low Voltage Directive (EN60950 / CE Mark), EC60950
 EM / Radio
 FCC part15 (Subpart B)
 SAR / SAR
 ESRP Part 22 (EN55022 / CE Mark)
 EMC / EMC immunity
 EMC Directive (EMC immunity) (CE Mark)
 SAR
 FCC1 class B, FCC part6B
 Radio
 FCC part15 (Subpart C)
 EMC / Radio
 RSTTE ETS300220/ETSI300220
 Wireless LAN compliance
 FCC Part 15 certification
 Material included
 Wireless router
 AC Power Adaptor
 Power Cord (Standard for most EU plug)
 Desktop stand
 Ethernet cable (RJ-45)
 Quick Start Guide, multi-lingual in printed form
 User's Guide (electronic version on CD-ROM)
 Warranty
 Standard Warranty
 Part Number
 RA3227E-1ETC
 non-operating
 0 to 65 degree C
 20 degree C/hour
 20% to 95%
 60 to 10,000m
 IEC
 0.3G

Wireless Routing Center



Related Manuals for Toshiba PA3227E-1ETC

[Network Router Toshiba WRC-1000 User Manual](#)

Wireless routing center (106 pages)

[Wireless Router Toshiba Bluetooth 2.0+EDR USB 2.0 Dongle Quick Installation Manual](#)

Bluetooth 2.0+edr class 2 / class 1 usb 2.0 dongle (7 pages)

Related Products for Toshiba PA3227E-1ETC

[Toshiba WR01A - PoE Vandal Resistant Network Dome Camera](#)

[Toshiba W-705](#)

[Toshiba W-622](#)

[Toshiba W-609](#)

[Toshiba W-808](#)

[Toshiba W414C](#)

[Toshiba W7 Series](#)

[Toshiba WH-H1JE2](#)

[Toshiba W245 D](#)

[Toshiba W243*D](#)

[Toshiba W245*D](#)

[Toshiba FlashAir W-03 Series](#)

[Toshiba WTU-A25ASS](#)

[Toshiba WK3C64DAA](#)

[Toshiba WK3C63DA](#)

[Toshiba REGZA WL74 Series](#)

This manual is also suitable for:

[Wrc-1000](#)