

TOSHIBA

Toshiba PCX1000 Owner's Manual

Docsis cable modem

1
2
Table Of Contents
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17



-

[Table of Contents](#)

•

Bookmarks

Quick Links

[1 Specifications](#)

[Download this manual](#)



Toshiba DOCSIS Cable Modem
TOSHIBA
Owner's Manual

PCX1000/PCX1100

Jan. 2000

Table of Contents

[Next Page](#)

1
2
3
4
5

Related Manuals for Toshiba PCX1000

[Modem Toshiba PCX1100U Owner's Manual](#)

Docsis cable modem (21 pages)

[Modem Toshiba P000233790 Owner's Manual](#)

Wireless cable modem gateway (53 pages)

[Modem Toshiba PCX2200 Owner's Manual](#)

Docsis cable modem (22 pages)

[Modem Toshiba DAZ8823A Owner's Manual](#)

Docsis cable modem (22 pages)

[Modem Toshiba DAZ8821F/S Owner's Manual](#)

Docsis cable modem (22 pages)

[Modem Toshiba DOCSIS DAZ8820F Owner's Manual](#)

Docsis cable modem (22 pages)

[Modem Toshiba V.9256K User Manual](#)

Toshiba internal modem user's guide v.9256k (120 pages)

Summary of Contents for Toshiba PCX1000

[Page 1](#) Toshiba DOCSIS Cable Modem Owner's Manual PCX1000/PCX1100 Jan. 2000...

[Page 2](#) Copyright 2000, Toshiba Corporation. All rights reserved. This manual may not be reproduced, in part or in whole, without the permission of Toshiba Corporation. The content of this manual is subject to change without notice in the future. Toshiba Corporation assumes no liability for damages resulting from...

[Page 3: Table Of Contents](#)

Table of Contents
Congratulations on Your Purchase
Contact Information
Support Information
Sales Information
Web Page
Important Rules for Safe Operation
Installation Service Overview
How does a cable modem work? How does a cable modem connect to a computer? What is DOCSIS? Getting Started
What's in the box? Front Panel LEDs...

[Page 4: Congratulations On Your Purchase](#)

Congratulations on Your Purchase! Your new Toshiba DOCSIS Cable Modem will provide you with high-speed access to the Internet through your cable TV (CATV) network- accesses at a fraction of the time it takes traditional telephone modems. In addition, your service will be always connected. Those two features give you the information you want, when you want it

[Page 5: Important Rules For Safe Operation](#)

Important Rules for Safe Operation In addition to the careful attention devoted to quality standards in the manufacture of your Toshiba DOCSIS Cable Modem, safety is a major factor in the design of every product. However, safety is your responsibility, too.

[Page 6: Use](#)

Do Not Use Near Water - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool, and the like. Do Not Place Near High Temperature Source - for example near a steamer, Kitchen range fire, and the like.

[Page 7: Service](#)

Service Do Not Remove Covers - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. Unplug this product from the wall outlet carefully, as the AC adaptor may be hot. Refer Servicing to Qualified Service Personnel Under the Conditions Listed Below
◆...

[Page 8: Overview](#)

Overview The modem provides you with high-speed data communications over the television cable network by following the widely accepted DOCSIS/MCNS standards being developed by the Multimedia Cable Network System (MCNS) consortium. Those standards offer a combination of high performance and interoperability among many of the cable system operators in North America.

[Page 9: What Is Docsis](#)

What is DOCSIS? Data Over Cable Service Interface Specifications. DOCSIS defines interface requirements for cable modems involved in high-speed data distribution over a cable television network. On November 17, 1997, Cable Television Laboratories, Inc. (Cable Labs) and its members established a formal path of certification for cable modem equipment suppliers to obtain an interoperability seal for their products based on the DOCSIS specification.

[Page 10: Getting Started](#)

Getting Started What's in the Box? Make sure that you've received the following items. If any item is missing or damaged, contact your dealer immediately. ◆ Toshiba DOCSIS Cable Modem ◆ Ethernet Cable (6feet) ◆ AC Adaptor (AD-121AN) ◆ Stand ◆...

[Page 11: Diagnostics](#)

Diagnostics The Cable Modem has five status LEDs for diagnostics. You can monitor the LEDs during installation and when you are using. Table 1 shows Cable Modem status LEDs and identifies what each LED light means. This table will help you to diagnose problems. Function Color Power...

[Page 12: Specifications](#)

How to Use the Stand Please attach the stand to the bottom of the cable modem...

[Page 13](#) Specifications The Toshiba DOCSIS Cable Modem is DOCSIS/MCNS compliant. Receiver Physical Speed: 30 Mbps (64QAM) / 43 Mbps (256QAM) Symbol rate: 5.056941 Msym/sec (64QAM); 5.360537 Msym/sec (256QAM) Demodulation: 64QAM / 256QAM Bandwidth: 6 MHz Frequency range: 88 MHz to 860 MHz (edge-to-edge) in 62.5 kHz steps...

[Page 14: Q & A](#)

Q & A Q: How to connect the cable modem to the hub/switch ? A: Cable Modem is connected to the uplink port on the hub/switch. Or use cross-over Ethernet cable to connect the normal port on the hub/switch. Please make sure that hub/switch supports 10BASE-T.

[Page 15: Fcc Compliance](#)

FCC Compliance This Toshiba DOCSIS Cable Modem has been tested and found to comply with the limits for a Class B personal computer and peripherals, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

[Page 16: Glossary](#)

10BASE-T LAN cable. F connector A type of coaxial connector, labeled RF on the rear of the Toshiba Cable Modem, that connects the modem to the cable system. Headend The equipment, in the central office of the service provider, where the cable signals originate.

[Page 17](#) Connector on the Toshiba Cable Modem, labeled 10BASE-T, that connects the modem to a computer or to a HUB. Subscriber A computer user in the home who accesses a data service using the Toshiba Cable Modem. Subnet A network subdivision. When subnetting is used, the IP (Internet Protocol) address is divided into a subnet number and a host number.

[Page 18: Installing The Cable Modem](#)

Installing the Cable Modem To avoid thermal problems, allow at least one inch spacing between the ventilation holes and any object to either side of the unit. It's best to have no obstructions on top of the unit. The top of the unit should be at least two inches from any obstruction.

This manual is also suitable for:

[Pcx1100](#)