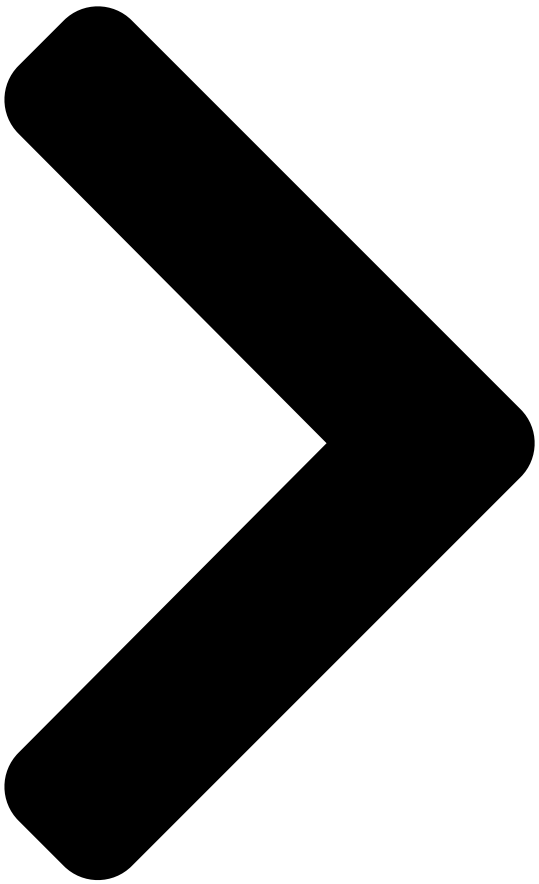
TOSHIBA
IPedge

Toshiba IPedge EP Server Product Bulletin

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

Bookmarks

Quick Links
Download this manual See also: Installation Manual



Introducing Toshiba's IPedge EP Server

Toshiba is proud to announce the release of the IPedge EP system as the newest member of the IPedge family of pure IP systems. The IPedge EP system delivers big-company features at an affordable price for small businesses and branch locations. Like the other IPedge systems, the IPedge EP system performs call processing, voice mail, unified messaging, and media processing which includes conferencing and paging, centralized management, Call Manager unified communications, and more. IPedge EP system uses Red Hat® Enterprise Linux® security.

The IPedge EP system (shown below) is easy to install. The IPedge EP system supports applications for up to 40 users.

The IPedge EP system can be set on a shelf or table horizontally or vertically using an optional base (shown below). It can also be installed on a standard 19" rack using the optional rack-mount kit.

IPedge EP System

(Vertical View)

IPedge EP system can also connect to a MAS or MicroMAS to run ACD and TASKE, and it can connect to uMobility and other external applications.

Networking between IPedge servers and/or Strata® CIX™ systems is enabled via IPedge Net using one IP address.

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5.4 operating system that provides a high level of scalability and

IPedge EP System (Horizontal view
with Left and Right Rack-mount Brackets)

IPedge EP System (Horizontal view)

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IPedge System

TM

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Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Toshiba IPedge EP Server

Server Toshiba IP edge EP Installation Manual

(206 pages)

Server Toshiba Stratagy iES32 Installation Manual

Enterprise server (16 pages)

Server Toshiba IPedge Installation Manual

(196 pages)

Server Toshiba STRATA CS Communication Server Release 6 Quick Reference Manual

Communication server release 6 (28 pages)

Server Toshiba STRATA CS Communication Server Release 6 User Manual

Viewpoint for communication server release 6 (346 pages)

Server Toshiba SG20 - Magnia - Web Server Customization Manual

General customization guide (44 pages)

Server Toshiba RS-TX20 Viewer's Manual

Digital media server (204 pages)

Server Toshiba TC-net Instruction Manual

(134 pages)

Server Toshiba Strata CIX Installation And Maintenance Manual

Mas release 3 (62 pages)

Server Toshiba BMS-LSV6E Installation Manual

Intelligent server (8 pages)

Server Toshiba C1 Installation Manual

Enterprise server (16 pages)

Server Toshiba BMS-LSV4E Installation Manual

Bacnet software (for intelligent server) (8 pages)

Server Toshiba Strata CIX40 R5.2 Software - R1 ~ R3 Hardware Installation And Maintenance Manual

R5.2 software - r1 ~ r3 hardware (82 pages)

Server Toshiba Magnia SG20 User Manual

Toshiba magnia (331 pages)

Server Toshiba SD-H400-S-TU Installation Manual

Digital media server (239 pages)

Server Toshiba Strata CS User Manual

Toshiba communication server client user guide (249 pages)

Summary of Contents for Toshiba IPedge EP Server

Page 1 Introducing Toshiba’s IPedge EP Server Toshiba is proud to announce the release of the IPedge EP system as the newest member of the IPedge family of pure IP systems. The IPedge EP system delivers big-company features at an affordable price for small businesses and branch locations.

Page 2 • Supports 8 to 40 Users Description Toshiba’s IPedge EP server is an all IP system

designed for ease of installation, use and maintenance. It integrates all the necessary customer centric applications as shown below. Figure 1 IPedge System Architecture System Configurations A stand alone system is a individual IPedge server.

Page 3 • ACD, Networked ACD (ACD + Unifier), and Call Center Reporting (TASKE or Insight) • uMobility The IPedge EP server can connect to a Luca or Lucas server to include Meet-me conferencing. 3 of 19 Introducing Toshiba's IPedge EP Server...

Page 4 Centralized management of all locations, saving time, providing consistency, and eliminating potential mistakes. • One administration interface manages call processing, messaging, call manager and other applications, enabling quick setup with less labor and training required 4 of 19 Introducing Toshiba's IPedge EP Server...

Page 5 Music/Messaging on Hold Call Pickup Pilot [DN] Multiple Call/Delayed Ringing Group Pickup Direct Station Selection (DSS) Off-Hook Call Announce (OCA) Ringing, Page or Held Call Distinctive LED Indicator Override Pickup (Sheet 1 of 2) 5 of 19 Introducing Toshiba's IPedge EP Server...

Page 6 Fault Detection and Error Logs VLAN Tagging Event and System Administration Speed Dial Voice or Tone Signaling Logs One Touch Buttons Automatic Fault Recovery Volume Control Station Hunting (Sheet 2 of 2) 6 of 19 Introducing Toshiba's IPedge EP Server...

Page 7 Soft Key Control of Voice Mail System Monitor Check Message Count Subscriber's Menu Transfer Supervision System and Department Codec Support Variable Password Length Language Selection Confidential Message Variable Extension Length Web Controller (Sheet 1 of 2) 7 of 19 Introducing Toshiba's IPedge EP Server...

Page 8 Viewing a Conference Log Buttons Incoming Calls Managing Your Profile Programmable Buttons While on a Call Managing Your Profile User Programmable Keys Integrating with Outlook Calendar Online Help Actions Using Companion Applications Creating Actions Contacts 8 of 19 Introducing Toshiba's IPedge EP Server...

Page 9: Operating Environment

Toshiba recommends an Uninterruptible Power Supply (UPS) with power conditioning for the IPedge server. The recommended UPS from ONEAC are shown in the table below. The UPS shown in the table include power conditioning. If you already have a UPS in place Toshiba recommends that you install a power conditioner (P/N PC075A-S2S).

Page 10 Strata CIX system users can migrate to IPedge and minimize their investment by using their Strata CIX system as a gateway for PSTN interfaces and DKT telephones. The Strata CIX is networked to IPedge through IPedge Net. 10 of 19 Introducing Toshiba's IPedge EP Server...

Page 11 Multi Node Configuration Note The IPedge EP system can be a member node of an IPedge network. While, an IPedge EC or EM system can be a primary node or a member node. 11 of 19 Introducing Toshiba's IPedge EP Server...

Page 12 Application that uses Megaco + • Call Manager • PC Attendant Consoles • Toshiba recommended 3rd Party SIP telephones • Polycom SoundPoint IP321, IP331, IP450, IP550, IP560, IP650, IP670 • Polycom 8002, 8020, 8030 WiFi SIP • Polycom Kirk SIP DECT Wireless: 2010, 40xx, 50xx (with the KWS 300 or KWS 6000) •...

Page 13 [PhDNs] with Message Waiting Indication LED This is the total number of all GCO or Pooled Line Buttons allowed in a system. Example: If the GCO1 button appears on 10 telephones, it counts as 10 buttons. 13 of 19 Introducing Toshiba's IPedge EP Server...

Page 14 ISDN Line Service Indexes Multiple Call Ring Group Off-hook Call Announce to Telephone Speakers 1,000 Page Groups (Phones with or without External Zones) Paging – (Group Page – simultaneous stations paged) Pickup Groups 14 of 19 Introducing Toshiba's IPedge EP Server...

Page 15 This is not the number of simultaneous OCA but the terminal number of OCA available. (Simultaneous number is limited by maximum capacity of line and call). Up to 100 Station SD numbers, allocated in increments of 10, can be programmed per station. 15 of 19

Introducing Toshiba’s IPedge EP Server...

Page 16

Web Sessions Conference Record The IPedge EP server can have up to 56 stations; 40 for users and the other 16 can be shared among voice mail and external Strata Meeting. Meeting can run internally on the IPedge EC and EM servers.

Page 17: Network Requirements

88kbps (G.711 audio) in each direction per simultaneous call Note Media traffic is Peer-to-Peer • Less than 80 ms latency recommended • Jitter: 20mS or less (+/- 10mSec) • Packet Loss: < 1%. 17 of 19 Introducing Toshiba’s IPedge EP Server...

Page 18: Warranty

The Software Support and Upgrade program can be renewed on an annual basis. Documentation Internet site FYI (http://fyi.tsd.toshiba.com) contains all current IPedge documentation and enables you to view, print and download current publications. •...

Page 19

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