

Toshiba America Information Systems, Inc.

Magnia SG30

Product Highlights:

Simple * Fast * Connected

- Sealed System: The operating system, along with all of the applications and hardware, are built in and ready to go straight out of the box.
- Simple, automatic, web-based setup and network configuration.
- Offers the hardware features you need that benefit the way you do business and home networking.
- Built-in Wi-Fi™ Access Point capability & 7-port auto-sensing switch for instant network creation.
- Ethernet WAN Port (10/100 auto sensing) and optional 56K PC Card modem for connecting to your Internet service provider

Product Specifications

Features

Included Services, Software & Solutions

Simple Network Configuration

Automatically configure your network to use DHCP, DNS, NAT, and Web Services.

Email Services

Standard (POP3) email delivery and retrieval that works with standard email programs such as Microsoft™ Outlook®.

Intranet

Create a personalized Intranet – without learning to program HTML – by managing the pre-configured templates included with the Magnia SG30.

Security

Packet filter & IP tables Firewall protects company data from Internet intrusion. The user can create custom rules based on port, originating and destination IP addresses, protocol (UDP / TCP), policy (Accept / Reject)

File Transfer Protocol (FTP)

Transfer files to and from your client computer via the Internet with the File Transfer Protocol (FTP) application.

Enhanced Backup and Restore

The Magnia SG30 includes an application for file backup and restore. The application can backup and restore files to/from a backup device connected to a networked client computer, to a shared directory or to an external USB HDD device.

Second Hard Disk Drive Configuration

The second hard drive (optional on some models) can be configured for additional storage capacity or it can be configured to be an exact copy of the primary hard drive.

Web Caching

The Magnia SG30's Web caching feature keeps commonly accessed web site information on hard drives to improve performance of Internet access by reducing the traffic across the Internet.

Content Filtering

Built-in application that allows administrator to restrict access to specific Web sites, or to sites that contain certain phrases or words in their domain name. Content filtering can be useful when you wish to regulate access to areas of the Internet by users of your local network.

Internet Connectivity

Connect to the Internet via the built-in auto-sensing 10/100 Ethernet WAN port or the optional 56K PC Card modem. The WAN port can connect to broadband Internet service from a corporate LAN, a DSL line, or a Cable line. Internet access requires an Internet Service Provider (ISP) connection at the customer's location. A DSL or Cable Internet connection requires an ISP provided/approved external router or broadband modem to use the Public Ethernet port.

Virtual Private Networking

The Virtual Private Network (VPN) requires the Magnia SG30 be connected to the Internet using the Public WAN Ethernet port. With a VPN you can set up a secure tunnel across the Internet from remote client computers to the Local Area Network created by the Magnia SG30. The Magnia SG30 can manage a Point-to-Point Tunneling Protocol (PPTP) and IPsec VPN with authorized users.

An IPsec VPN is certified only for client computers running Microsoft® Windows™ 2000 and Windows XP operating systems, PPTP VPNs can additionally support Windows NT, 95, 98 and ME. Toshiba has also created a setup program wizard that will configure client computers running Microsoft® Windows™ based operating systems to communicate over the Internet with the LAN through the VPN.

The SG30 also has the ability to establish an SG30 to SG30 IPsec VPN. This will allow the creation of a secure tunnel between a remote location SG30 and the home office SG30 or between several small/medium offices equipped with SG30's. The number of connections is limited only by your network configuration and the amount of traffic on the network.

Remote Dial-In Access

Users may dial in to the appliance server using the optional 56K modem to seamlessly interact from remote locations. The modem cannot be used for Internet access and Remote Dial-In Access at the same time.

Digital Central

Digital Photo Album

Your Magnia SG30 includes an application to manage centrally stored digital pictures (JPEG) and digital videos.

Video Camera Monitoring & Recording

Your Magnia SG30 includes an application that provides the ability to view and record activity from digital video cameras (purchased separately). Once installed, you can view the video activity from these cameras on any computer within the Magnia SG30 network or from remote locations using the included VPN service. The Magnia SG30 can monitor and record up to four cameras.

Digital Jukebox

Your Magnia SG30 includes the capability to store and organize digital music (MP3 and WMA file formats). The Magnia SG30 can deliver music to: Any wired or wireless connected computer or supported Pocket PC device, as well as through the Voyetra® Turtle Beach® AudioTron™ (purchased separately) to your home stereo system.

Upgrades or Optional 3rd-party Services Offerings

Health Status Monitoring

Toshiba can monitor your Magnia SG30 for non-standard operation and will contact the administrator in case action needs to be taken. Health Status Monitoring is available from Monday through Friday from 05:00 AM to 05:00 PM PST excluding holidays.

Operating System

Operating System: Based on Red Hat Version 8.0 with Ext3 file system.

Hardware Features

Chassis

Tool free removal of hard drives for quick, easy access to the hard drives.

Provision for Kensington Lock to secure the hard drives and for securing the Magnia SG30 to a fixture to help prevent theft.

Ethernet Switch

The Magnia SG30 includes a built-in 7-port switch. All seven ports can be either used as a straight through or crossover port and each port is auto-sensing 10/100 Mb/second.

Processor

Intel 1.2GHz Celeron with 256KB L2 Cache

Memory

Standard: 256MB Un-buffered ECC SDRAM

Storage Media

Two available 2.5-inch EIDE drive bays are accessible from the top of the system with a slide off cover.

The Magnia SG30 ships with either one or two drives installed at the factory. If installed, the second hard drive can be used for additional storage or as a backup of the primary hard drive. The hard drives must have the same capacity.

Choice of Hard Drives:

1. 40GB 2.5-inch ATA/EIDE SMART, or
2. 80GB 2.5-inch ATA/EIDE SMART (Available Aug '03)

Network Interface Input/Output Ports & Devices

Ethernet LAN Network Interface

10Mb/100Mb Auto configuration

1 public WAN RJ-45 port

7 private LAN RJ-45 ports

Wireless LAN Network Interface

Access Point capable per IEEE 802.11b standards using optional Wireless LAN PC Cards.

General I/O

16-character x 2-line backlit LCD with Scroll Button on the front of the machine

3 – PC Card (PCMCIA) slots. May be used for Wireless LAN cards or supported devices.

2 – USB 1.1 ports (rear): Supported devices: Floppy¹, CD-ROM¹, HDD, Printer and USB to Centronics adapter.

¹ Command line support only

1 – 9 pin DIN serial (rear, conversion cable provided)²

² Console interface support only

Power Button (front)

Reset Button (rear)

Power Supply

100V-240V 50/60Hz

Maximum Power Consumption

110 Watts

Measurements & Weight

Width: 13.375in (339.90mm)

Depth: 10.625in (269.88mm)

Height: 2.625in (67.40mm)

Weight: 11 lbs. (5 kg)

Temperature Range

Operating +10 to +35° C

+50 to +95° F

Shipping -30 to +49° C

-22 to +120° F

Acoustic Noise

45 dB Maximum

Relative Humidity

Operating 30-80%

Shipping 20-90%

Compliance

Product Safety

- UL 1950
- CSA 950
- 72/23/EEC (Low Voltage Directive) for CE Mark

EMI

- FCC Part 15 Class B
- ICES-003 Class B
- 89/336/EEC (EMC Directive) (EN55022 Class B) for CE Mark

Warranty

Standard Warranty

1-year next business day delivery of replacement parts (customer replaceable units), 1-year of toll-free technical support 7 days a week/24 hours a day.

Part Numbers

Systems	
SMB Versions	
SYU3882W-00001	SG30, v3.0, 256MB RAM, 1 - 40GB HDD, No Wireless (SMB)
Options	
DKU3651W-U0001	40GB 2.5in IDE HDD w/image v3.0
DKU3652W-U0001	80GB 2.5in IDE HDD w/image v3.0 (Available Aug '03)
8484415560-00	128-bit Wi-Fi® PCMCIA Wireless Card IEEE 802.11b
Warranty & Service Support Services	
SWP-AQQM1V	1 Year of Health Status Monitoring

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