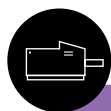


# AXIS 570e & 670e Print Servers

AS/400 and S/390 Printing in a  
High-Performance Multiprotocol  
LAN Print Server



## Print Servers

### Print to Your LAN Printers from Your IBM Host

The AXIS 570, 670, 570e and 670e print servers provide a flexible and cost-effective way to print to your LAN printers from your AS/400 or mainframe. In addition to support for all popular protocols and operating systems such as NetWare, UNIX and Windows, the AXIS 570e and 670e print servers deliver world-class support for IBM host system printing. The flexibility to choose between multiple print methods including TN3270E and TN5250E, as well as SCS and IPDS data streams, makes Axis the ideal solution for the enterprise network. AXIS 570e and 670e print servers enable high-speed printing over Ethernet, Fast Ethernet and Token Ring networks without the need for application changes, host-based conversion software, or intermediate servers.

### Free Host System Resources

The Axis ETRAX 32-bit RISC processor-based AXIS 570e and 670e print servers perform the EBCDIC to ASCII conversion, freeing system resources for more critical tasks. Users get the same functionality as from a traditional IBM printer connected over coax or twinax, including full control over the output and exception status reporting.

### Easy to Use on Multiple Platforms

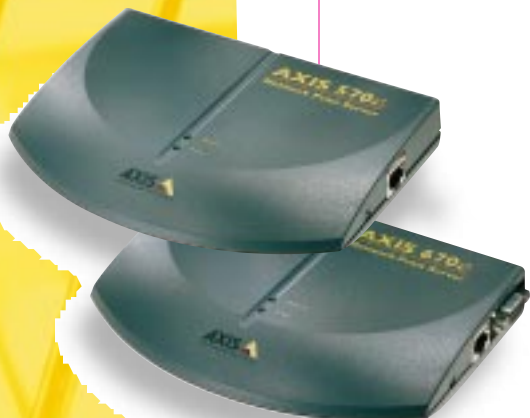
AXIS 570e and 670e print servers support OS/400, OS/390, Windows NT, Windows 95, OS/2, NetWare, over 20 versions of UNIX, and more. Easy to set up, AXIS 570e and 670e print servers will auto-configure to your AS/400.

### AXIS ThinWizard™ Makes Enterprise-Wide Device Management Simple

AXIS ThinWizard is a major step forward in the management of all Axis products. It is a Web-based device management tool built using Java™ technology. AXIS ThinWizard allows multiple Axis network products to be viewed and managed in a group or groups using a standard Web browser. AXIS ThinWizard features many advantages over traditional device management software including:

- Automatic discovery of all Axis products on an IP network
- Flexible grouping of Axis products for viewing and managing as an entity
- Immediate viewing of status updates for Axis products in the network
- Easy-to-use upgrade Wizard for group firmware updates

SNA IPDS SCS TN5250E TN3270E TCP/IP



# AXIS 570e & 670e Print Servers



## Print Servers

### Technical Specifications

#### MODELS

##### AXIS 570

0056-1  
Standalone 3 port 10base-T/10base-2 Ethernet print server with advanced TCP/IP and SNA support for non-IPDS IBM host systems printing

##### AXIS 570e

0080-2  
Standalone 3 port 10base/100base T Ethernet print server with advanced TCP/IP and SNA support for non-IPDS and IPDS IBM host system printing

##### AXIS 670

0057-1  
Standalone 3 port STP/UTP Token Ring print server with advanced TCP/IP and SNA support for non-IPDS IBM host system printing

##### AXIS 670e

0057-6  
Standalone 3 port STP/UTP Token Ring print server with advanced TCP/IP and SNA support for non-IPDS and IPDS IBM host system printing

#### SUPPORTED SYSTEMS

##### IBM Mainframe

IBM S/370, S/390, 30xx, 43xx, 47xx, 937x, 81xx. The print server emulates an IBM 3174 control unit and subsequent coax printers when running SNA.

##### IBM AS/400

The print server emulates an IBM 5494 control unit and subsequent twinax printers when running SNA.

#### SUPPORTED PROTOCOLS

##### NetWare

IPX, SAP, RIP, SPX, and NCP (extended with NDS), LIP and NDPS

##### TCP/IP- ASCII Environments

LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, ARP, RARP, DHCP, ICMP, IP, TCP, UDP, HTTP, TFTP

##### TCP/IP in Mainframe Environment

TN3270E, raw TCP/IP, LPR/LPD, PPR/PPD ASCII, 3270DS, SCS and IPDS data streams

##### SNA in Mainframe Environment

SNA LU 1 and SNA LU 3 (node type 2.0), IBM 3174 control unit emulation. ASCII, 3270DS, SCS and IPDS data streams

##### TCP/IP in AS/400 Environment

TN5250E, raw TCP/IP, LPR/LPD, PPR/PPD ASCII, SCS and IPDS data streams

##### SNA in AS/400 Environment

SNA LU 6.2 (node type 2.1), IBM 5494 control unit emulation. ASCII, SCS and IPDS data streams

##### LAN Manager/LAN Server

NetBIOS/NetBEUI or TCP/IP

##### Windows

NetBIOS/NetBEUI or TCP/IP

##### Apple EtherTalk

#### INSTALLATION

Print server resident parameters set using a Web browser, AXIS NetPilot, FTP, HTTP or via a text file sent from the IBM host.

#### IBM PRINTER EMULATIONS

IBM Mainframe coax printers: 4028, 3812 model 2, 3816 model 01S and 01D, 4224, 4230, 3287, 3268, 4214, 3262

IBM AS/400 twinax printers: 4028, 3812, 3816, 4214-2, 5224, 5225, 5256, 4230, 5x27-2 KS, 5x27-3 KSSM, 5x27-3, 5x27-5

#### NETWORK MANAGEMENT

SNMP-MIB II compliant private enterprise MIB included. Print server status and management via NWAAdmin/P\_CONSOLE and ThinWizard.

#### LOGICAL CONNECTION

Supports NWWay, which provides auto-detection of the network speed. Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously.

#### NETWORK ATTACHMENTS

##### AXIS 570

RJ-45 connector (Category 5 unshielded twisted pair cable) 10baseT Ethernet  
BNC connector for 10base2 coax

##### AXIS 670

STP/UTP Token Ring

##### AXIS 570e

RJ-45 connector (Category 5 unshielded twisted pair cable) for 10baseT and 100baseT Ethernet

##### AXIS 670e

STP/UTP Token Ring

#### SECURITY

UNIX: Root password, User access list and printer access

NetWare: Encrypted passwords

#### LOGICAL PRINTERS

The eight logical printer ports can be programmed to perform auto ASCII to PostScript conversion, string before and after job, string substitution, alternative output, and character set conversion.

#### PARALLEL PRINTERS

Two IEEE 1284 compliant high-speed parallel-ports, 25-pin DSUB  
Bi-directional support for Apple  
Reverse Telnet and PROS

#### SERIAL PRINTER

1 serial port, RS-232C, 9-pin DSUB XON/XOFF or RTS/CTS. Data rates up to 115,200 baud.

#### HARDWARE

32-bit RISC-Controller, 2 Mbyte Flash memory, 570/670 - 512 Kbytes RAM memory, 570e/670e - 2048 Kbytes RAM memory

#### FRONT PANEL

2 LED Indicators: Power and Network. Push-button for information printouts

#### POWER CONSUMPTION

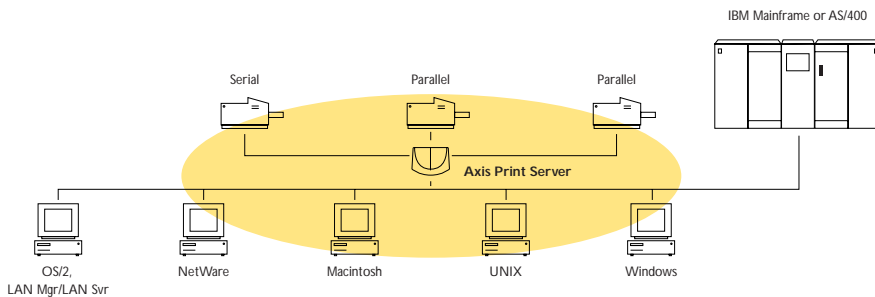
Maximum 5.1 W. Power provided by external supply  
570, 670, 670e - Type PS-B 12V 500 mA  
570e - Type PS-D 12V 800 mA

#### PHYSICAL SPECIFICATIONS

Size: H 1.0 in/2.5 cm, W 6.1 in/15.5 cm, D 4.7 in/12.0 cm. Weight: .55 lb/.25 kg  
Temperature: 40-105 °F (5-40 °C)  
Humidity: 10-95% non-condensing

Approvals: EMC CE: EN 55022/1987, EN50082-1/1992, FCC Class A

Safety: EN 60950, approved power supplies for all countries



### PRODUCT SELECTION GUIDE

Model #	Part Number	Network Connections	100 Mbps Support	ThinWizard Java-Based Management	Supported NOS and Protocols										
					SNA	TN3270E	TN5250E	IPDS	OS/400	OS/390	Windows (NT/Win/95)	Netware (Binary & NDS)	LAN Mgr/LAN s/rv	LANtastic	Apple Ether Talk
AXIS 570	0056-1	RJ-45 & BNC (10base2)		*	*	*	*	*	*	*	*	*	*	*	*
AXIS 670	0057-1	4Mbps and 16Mbps		*	*	*	*	*	*	*	*	*	*	*	*
AXIS 570e	0080-2	RJ-45 (10Mbps & 100Mbps)	*	*	*	*	*	*	*	*	*	*	*	*	*
AXIS 670e	0057-6	4Mbps and 16Mbps		*	*	*	*	*	*	*	*	*	*	*	*

#### Axis Communications

www.axis.com

Lund +46 46 270 18 00

Munich +49 89 95 93 96 0

Beijing +86 10 6510 2705

Miami +1 305 266 1633

Boston +1 800-444-AXIS (2947)

Tokyo +81 3 3545 8282

Shanghai +86 21 6445 4522

Paris +33 1 49 69 15 50

Singapore +65 250 8077

Sydney +61 2 9967 5700

London +44 171 5539 200

Hong Kong +852 2836 0813

Seoul +822 780 9636

© 1998 Axis Communications AB. The Axis logo is a registered trademark and ThinServer is a trademark of Axis Communications AB. Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and other countries. All other company names and products are trademarks or registered trademarks of their respective companies.

