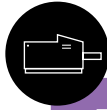


# AXIS 5400 and 5600 Print Servers

## High-Performance Multiprotocol Print Solutions For 10/100baseT Networks



# Print Servers

The AXIS 5400 and AXIS 5600 print servers are designed to improve printing performance, increase network flexibility, and extend the life of your printer investment. Based on revolutionary ThinServer™ Technology, the AXIS 5400 and AXIS 5600 print servers provide the features, protocol support and compatibility expected from a leading manufacturer in the print server industry. The AXIS 5400 and AXIS 5600 print servers are capable of maximizing the full potential of your printers with a benchmarked performance of over 1Mbyte/s in a NetWare environment. Both print servers are based on Axis' new ETRAX 100 chip, the new platform for all Axis networking products.

### Flexible for your network printing needs

AXIS 5400 and AXIS 5600 print servers are future-proof. They have the speed, ease of use, and upgradeability needed to keep up with the faster, higher quality printers of today and tomorrow, and are optimized for performance on either 10baseT or 100baseT networks with advanced TCP/IP support and extensive NetWare support. And both print servers auto-negotiate between 10baseT and 100baseT network speeds.

### Compatible and reliable print servers

The AXIS 5400 and AXIS 5600 print servers are compatible with all parallel printers, including printers from Canon, Epson, HP, Lexmark, Ricoh and Xerox. Axis print servers are so reliable, the company provides a robust three-year warranty and free service/support. Best of all, the AXIS 5400 and AXIS 5600 have a MTBF (Mean Time Before Failure) of more than 20 years. With high compatibility and reliability, the print servers are ideal for networks migrating from 10 Megabit Ethernet to Fast Ethernet.

### Features support for AXIS ThinWizard™ management

AXIS ThinWizard is a major step forward in the management of all ThinServer products. It is a Web-based device management tool built using Java™ technology. AXIS ThinWizard allows multiple ThinServer 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
- Seamless remote management



## Print Servers

### Technical Specifications



#### SUPPORTED SYSTEMS

##### Novell NetWare

NetWare 3.11, 3.12, 4.10, 4.11, 5 and above. Supports bindery emulation and NDS. Up to 16 bindery file servers and 96 print queues are served.

Supports user messages.

NDPS supported by versions 4.11 and above

Print Methods: NDPS, RPRINTER/  
NPRINTER, PSERVER

##### Microsoft LAN Manager

LAN Manager 2.0c and above, running under OS/2 ver. 1.3 and above

##### IBM LAN Server

LAN Server 1.3 and above, running under OS/2 ver 1.3 and above including OS/2 Warp, OS/2 Warp Connect

##### Microsoft Windows

Windows NT ver. 3.5 and above, Windows for Workgroups, Windows 95, Windows 98

##### Additional Systems

All computers supporting the TCP/IP suite of protocols including:

BSD systems: BSD 4.2, 4.3, 4.4, SunOS4 (SOLARIS 1.x), DEC Ultrix etc.

System V systems: R3, R4, AT&T Interactive, SCO, SUNOS5 (Solaris 2.x), HP-UX, Silicon Graphics IRIX, DEC Alpha OSF/1, IBM AIX, BULL (BOS, AIX)

Other systems: IBM (MVS, VM, VSE, OS/400), DEC VMS, guidelines for other systems

Print Methods: LPD, FTP, PROS (named pipe & filtered), Reverse Telnet

##### Apple EtherTalk

Print Method: AppleTalk Phase 2

##### WWW

Netscape 3.0 or higher and MS Internet Explorer 3.0 or higher

##### LANtastic

LANtastic 7.0, from any of the supported Windows clients defined above

#### SUPPORTED PROTOCOLS

Running simultaneously any combination of the supported protocols:

##### NetWare

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

##### LAN Manager/LAN Server

NetBIOS/NetBEUI

##### Windows and OS/2

NetBIOS/NetBEUI or TCP/IP, WINS

##### TCP/IP

LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, RARP, DHCP, ICMP, IGMP, IP, TCP, UDP, HTTP, SNMP, TFTP, SLP

##### LANtastic

NetBIOS/NetBEUI

##### Apple EtherTalk

AAPR, ATP, DDP, NBP, PAP, RTMP, ZIP

#### INSTALLATION

##### NetWare

AXIS NetPilot utility included with Wizard.

##### LAN Manager/LAN Server

Included software: \*AXIS Print Utility for OS/2\*

##### Microsoft Windows

Included software drivers for all Windows platforms

##### UNIX

Installation script resident in memory. No disks required.

##### Apple EtherTalk

Standard installation using the Chooser

#### NETWORK MANAGEMENT

SNMP-MIB II compliant (over UDP/IP and IPX), private enterprise MIB included. Print server/job/printer status presentation and management via NWAdmin/PCONSOLE

#### LOGICAL CONNECTION

##### Ethernet

Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously.

##### Fast Ethernet

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

#### NETWORK ATTACHMENTS

##### Ethernet

RJ-45 connector (Category 5 unshielded twisted pair cable) for 10baseT Ethernet or 100base TX Fast Ethernet

#### SECURITY

##### UNIX

Root password, User access list and printer access

##### NetWare

Encrypted passwords

#### LOGICAL PRINTERS

The 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 PORTS

The AXIS 5400 supports 1 36-pin Centronics connector parallel port and the AXIS 5600 supports 2 25-pin DSUB parallel ports all of which are high-speed IEEE 1284 compliant. Sustained throughput over 1 Mbyte/s using NetWare. Bi-directional support for Apple EtherTalk, Reverse Telnet, PROS. ECP support

#### SERIAL PORT

AXIS 5600 supports one serial port, RS-232, 9-pin DSUB connector. XON/XOFF or RTS/CTS

Data rates up to 115,200 baud

#### POWER CONSUMPTION

Power provided by external supply:  
AXIS 5400: Maximum 200 mA at 12 VDC. (Type PS-B, 12V, 500 mA)  
AXIS 5600: Maximum 400 mA at 12 DC. (Type PS-D, 12V, 800 mA)

#### DIMENSIONS

##### AXIS 5400 Print Server

Height: 0.9 in/2.4 cm  
Width: 2.4 in/6.1 cm  
Depth: 4.8 in/12.1 cm  
Weight: 0.22 lb/0.1 kg

##### AXIS 5600 Print Server

Height: 1.1 in/2.9 cm  
Width: 6.3 in/16.0 cm  
Depth: 5.1 in/12.9 cm  
Weight: 0.64 lb/0.28 kg

#### ENVIRONMENTAL

Temperature: 40-105°F (5-40°C)  
Humidity: 10-95% non-condensing

#### APPROVALS

EMC CE: EN 55022/1994, EN50082-1/1992, FCC Class A

#### SAFETY

EN 60950, approved power supplies for all countries

#### HARDWARE

32-bit 100 MHz RISC Controller, 1 Mbyte Flash memory, 512 kbytes RAM

#### FRONT PANEL

2 LED indicators: Power and Network.  
Test button for information printouts

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