1174 *Communications Servers*

The 1174 Communications Server family is a powerful platform for supporting and managing diverse computing networks. With an outstanding combination of cost effectiveness, high reliability, and multiprotocol integration support, the 1174 communications servers are the ideal devices for creating efficient networks.

Scalable Solutions

The 1174 communications servers are offered in three models to support widely ranging customer needs. Remote offices will benefit from the cost-effective yet powerful 1174-90S model. Still larger workgroups can utilize the 1174-65S to support their complex operations and expanding networks. For enterprise operations, the 1174-25S provide a full suite of capabilities, connectivity options, and support features for the most demanding networks.

Seamless Network Integration

Today's organizations are a mix of local and remote sites, SNA and IP-based environments, Ethernet, Token Ring, and coax attached systems. Through the use of the 1174 communications servers, these widely diverse environments can be efficiently managed and integrated into a single, highly dependable system. This seamless migration and integration is a function of the SNA to TCP/IP capability offered by the 1174 platform. The 1174 devices can be centrally managed through the use of Netview or Visara's powerful eManager platform.

High Performance Architecture

The 1174 communications servers provide an advanced architecture and powerful operating system. The architecture has been designed to support multi-processing operations for optimized system performance. The 1174 operating system offers wide ranging support, including gateway, router, channel, bridge, and IP support. By combining the operating system with the multi-processing capability of the system architecture, the 1174 communications servers provide an outstanding computing platform with robust operation.

Powerful, Multi-Function Platform

The features and capabilities of the 1174 communications servers make this product family a powerful and cost effective solution for computing networks. The 1174 connectivity solution is broad:

- SNA Host Communications serving up to 4048 sessions

- Client Support: TN3270, IPX, Coax, Async, Telnet

- Connectivity: 10/100 Ethernet, Token Ring, ESCON, serial up to T1/E1, and Bus & Tag Channel

- Network Communications: SNA, IP, IPX, BSC, ASCII, and FTP

- Unique Coax-to-Ethernet bridge enables TCP/IP traffic to a coax attached desktops

- APPN Network Node for SNA routing support

The Networking Solution

The 1174 communications servers have been designed for long-term use. With the numerous features and integration capabilities inherent with these products, the 1174 family can be deployed effectively as operations migrate to new environments and protocols. When reliable connectivity options are critical to company operations, there is no better networking solution than the 1174 communications servers.

Product Specifications

System Configuration	Model-90S	Model-65S	Model-25S
System Processor	3-4	3-6	3-13
Floppy Drive	2	1	1
Hard Drive	No	Yes	Yes
Expansion Bus Slots	1	6	11
Maximum Communication Cards	2	3	11
Parallel Channel Adapters	0	0	2
ESCON Channel Adapters	0	0	2
Synchronous Comm Ports	1-4	1-12	1-36
Max Synchronus Line Speed	256 Kbps	E1/T1	E1/T1
16/4 Token Ring Adapters	1	3	11
10/100 Ethernet Adapters	1	3	7
Remote Hosts	16	16	16
CUT Devices	18 (16 coax & 2 telnet)	136 (32 coax, 96 lan & 8 ASCII)	256
Coax Devices	16	32	128
ASCII Ports	0	8	0
Network Terminal and Printer Support	Yes	Yes	Yes
SNA Gateway Support	Yes	Yes	Yes
3270 Host (PUs)	16	16	16
3270 Sessions (LUs)	512	*1024	4048
TN3270E Server Sessions	16	*1024	4048
IPX Sever Sessions	16	*1024	4048
TELNET (Unix) Host Sessions	0	256*	256
eManager Console Access	Limited	Yes	Yes
Table Top	Yes	Yes	Yes
Rack Mount	Yes	Yes	Yes
Height	8 in (20 cm)	8 in (20 cm)	9 in (23 cm)
Width	17.5 in (44.5 cm)	17.5 in (44.5 cm)	17.5 in (44.5 cm)
Depth	20 in (51 cm)	20 in (51 cm)	23.5 in (59.6 cm)
Weight	50 lb (22.7 Kg)	50 lb (22.7 Kg)	51.8 lb (23.5 Kg)
Heat Output	310 BTU/hr	310 BTU/hr	341-910 BTU/hr