

XEROX

8037 File Server

The Xerox 1100 Series provides remote access via Ethernet to shared mass storage in the form of the Xerox 8000 Network Systems File Server.

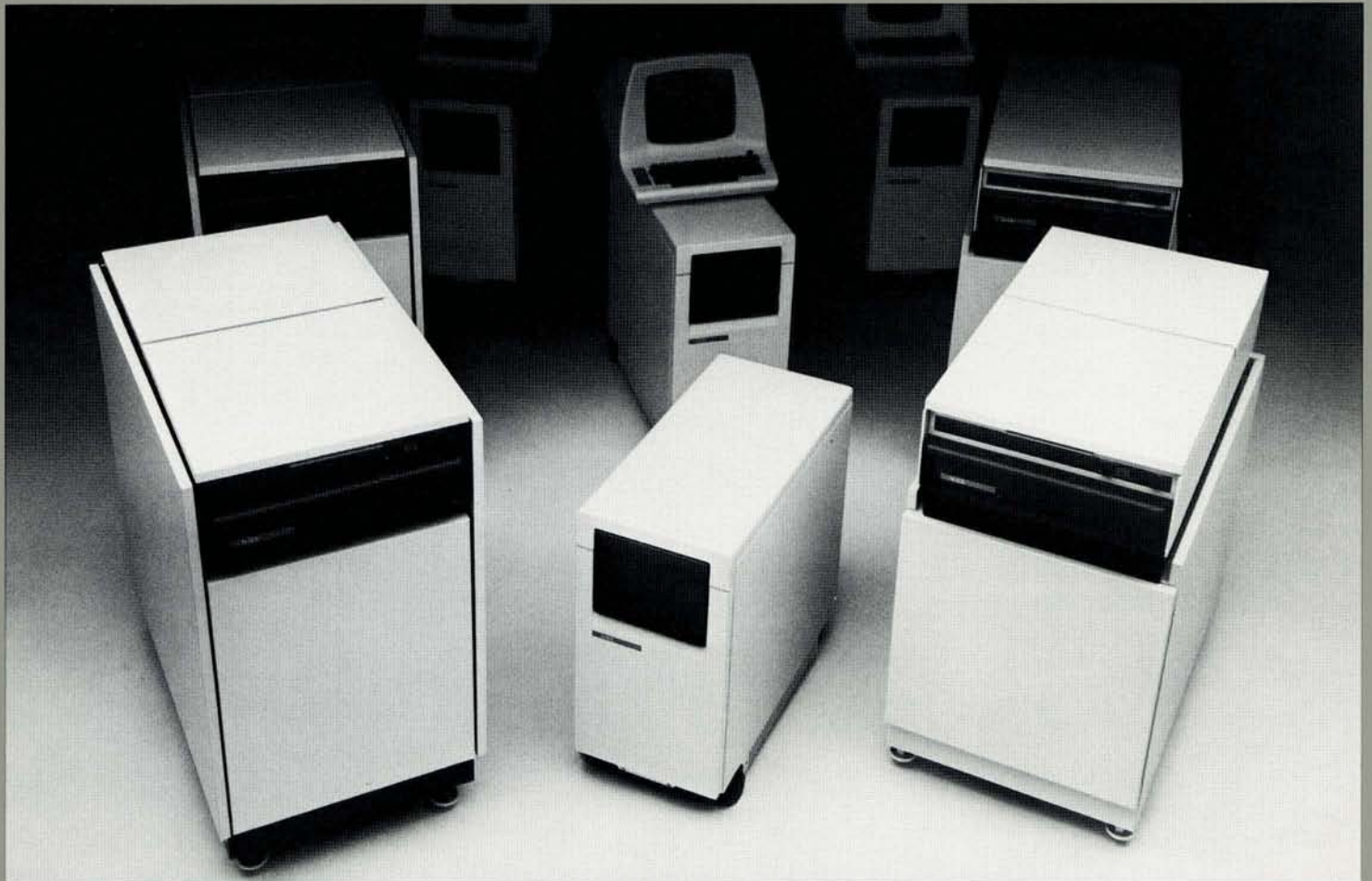
These applications are made possible by the Xerox 8000 Network Systems (NS) File Server, a key facet of the Ethernet shared resource network. Like other Xerox network servers, the File Server incorporates hardware/software technology and service applications that allow you to access files remotely from 1100 Series workstations.

The File Server can also provide an optional series of communication services— it gives you the best of both worlds. The File Server extends the amount of information that a workstation can access, but without affecting the local storage capabilities of that workstation for private work files.

The basis of the File Server is the versatile, high speed Xerox 8000 NS Processor. A Server configuration includes removable floppy disc storage for system software installation and an Administrator Keyboard/Display Terminal.

Several disc storage options are available so that documents can be stored on the File Server, including 80 or 300 Mbytes of storage.

Network storage capacity can be augmented by increasing the disc capacity on the same server or by connecting multiple servers to the network.



Features

Shared Resource Applications

As a shared resource component, the File Server offers all network users the benefits of resource extension. In turn, this helps normalize the cost of advanced network service equipment throughout your workplace.

Internetwork File Access

The File Server can be accessed by other users on other Ethernets. This connection is made with the help of the Internetwork Routing Service Software. This enables users at one site to access files across town or across the country as easily as the files at the local facility.

File Backup

With the 80 and 300 Mbyte File Servers, a secondary disc drive is included for backup. This backup drive can be used two ways: first, to copy the entire file content of the primary drive; and second, as a replacement for the primary drive should it fail.

File Recovery

Another File Server feature is the File Check program. It insures that the file system is consistent and error-free. With File Check, the System Administrator can recover from most disc-related problems and correct them so that the maximum amount of information is preserved.

Communication Options

With the addition of the optional RS232C communication port or 873 CIU, the File Server can also provide all the communication services of the 8071 Communication Server. Configured this way, performance is slightly lower (the processing load is heavier because the File Server is performing two roles).

The Systems Administrator is responsible for authorizing new users, storage management, recovery control and system diagnostics. The System Administrator function provides a controlled environment in which user attributes can be defined. These functions are accessed by the Keyboard/Display attached to the server.

Server Expandability

Currently, disc storage capacity on a single File Server is 80 or 300 Mbyte. However, the user can expand the amount of File Storage on the network by adding storage modules to the file server.

Model 8037

- Xerox 8000 Processor up to 384 Kbyte memory and built-in Ethernet Interface
- Administrator Keyboard/Display Terminal
- Floppy Disc Drive
- Removable Disc Storage Modules, dual 80 Mbyte removable disc drives (one for on-line, one for backup) or dual 300 Mbyte removable disc drives (one for on-line, one for backup)
- RS232C Communication Kit (optional)

Specifications (Model 8037) (80Mb, 300Mb)	8000 Processor	Keyboard/Display	Disc Module	
Dimensions				
Height	25 in	14 in	80 Mbyte 35.0 in	300 Mbyte 36.0 in
Width	12 in	16 in	19.5 in	19.5 in
Length	30 in	21 in	33.0 in	33.5 in
Weight	120 lb	32 lb	320 lb	480 lb
Electrical Requirements				
Voltage	115 VAC	115 VAC	115 VAC	208 VAC
Frequency	60 Hz	60 Hz	60 Hz	60 Hz
Current	Start-up Surge, 12 Amps; Steady State, 8 Amps	0.7 Amp	Start-up Up to 26 Amps Through 12 Sec. Running, 8 Amps	Start-up Up to 25 Amps Through 10 Sec. Running, 5 Amps
Receptacle	15 Amps, Two Pole, Three Wire Grounded Duplex	15 Amps, Two pole, Three Wire Grounded Duplex	15 Amps, Two Pole, Three Wire Grounded Duplex	15 Amps, Two Pole, Three Wire Grounded Duplex
Operating Environment				
Temperature	50 - 90°F	50-90°F	60-100°F	60-90°F
Relative Humidity	15-85%	15-85%	10-80%	10-80%
Heat Dissipation	2048 BTU/hr	67 BTU/hr	2250 BTU/hr	3600 BTU/hr

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