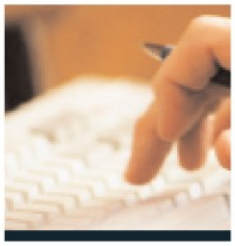
I-O Xip Twinax Controller

The I-O Xip Twinax Controller connects IBM & IBM Compatible Twinax display stations and printers to IBM Power System(Power System i, iSeries, or AS/400) hosts via TCP/IP over an Ethernet Network. This cost-saving controller protects the investment of up to 14 Twinax 5250 displays and IPDS/SCS system printers by allowing them to function in an Ethernet environment. The Xip Controller is housed in a rack mountable 1U case.

Investment Protection

There is no need to lose the investment made in valuable Twinax display stations and system printers. The Xip Controller provides an economical means to attach these reliable products to a System i, iSeries, or AS/400 via an Ethernet Network.

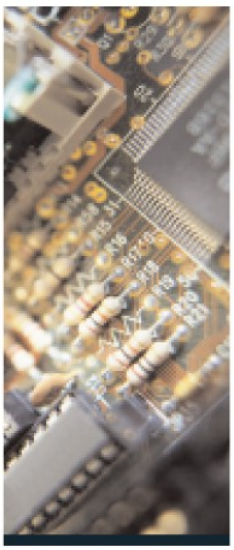


Local Connection

The Xip Controller can be installed locally, eliminating the need for an expensive Twinax Work Station Controller. Twinax devices are simply connected to the Xip Controller via existing Twinax cabling.

Remote Locations

In addition to local IBM host connectivity, the I-O Xip Controller can be installed at remote locations. Compared to traditional remote controllers, the Xip Controller is an economical solution that does not require costly leased lines.



Ease of Installation

Devices attached to the Xip Controller are auto configured at the host through the use of TN5250e, AnyNet, or SNA. Twinax displays and printers are up and running in minutes. IPDS printers can also be configured to us PPR/PPD.

I-O Xip Twinax Controller
Specifications & Features

General
- Attaches up to 14 Twinax displays and printers
- Star Panel compatible (maximum 7 devices)
- Supports up to 4 hosts
- Allows up to 4 sessions per Twinax address
- Supports TCP/IP (PPR/PPD, TN5250, AnyNet) & SNA

Host Systems Requirements
- Power Systems, System i, iSeries, AS/400
- OS/400 V3R2 or newer
- TCP/IP
- Telnet Services
- PSF Required for IPDS via PPR/PPD

Display Stations
- All 5250 Twinax display stations
- Display model type is matched to Telnet models: 5251m11, 5291-1, 5292-2, 3180-2, 3179-2, 3196-A1, 3477-FG, 3477-FC (InfoWindow II and Extended Character Attributes nor supported)

Printers
- All 5250 SCS and IPDS Twinax printers
- TN5250e - host configures all SCS printers as 3812-1
- AnyNet - host recognizes the printer's model type
- SNA - host recognizes the printer's model type
- IPDS - AnyNet or PPR/PPD

Data Streams
- TN5250e, auto configuring local and remote connectivity (SCS)
- AnyNet, auto configuring local and remote connectivity (IPDS and SCS)
- SNA, auto configuring local connectivity (IPDS and SCS)
- PPR/PPD for IPDS

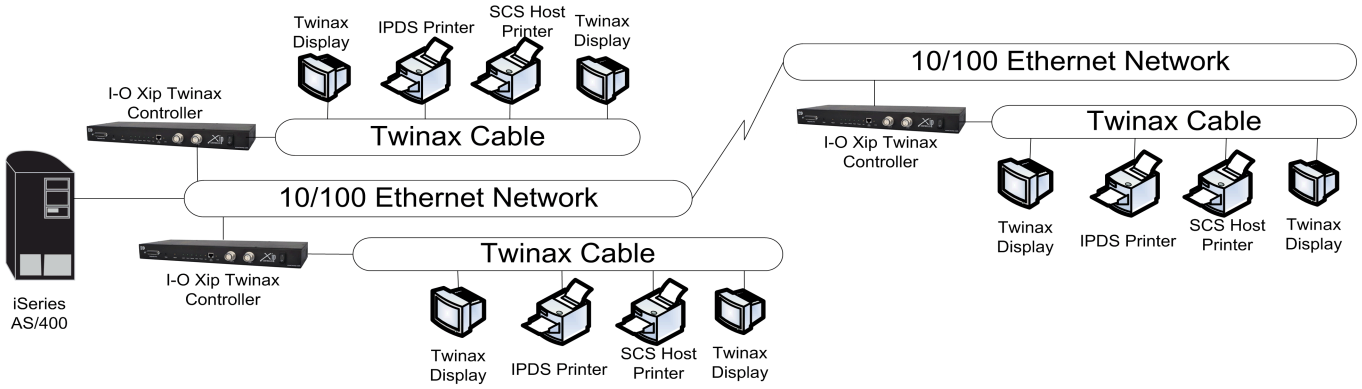
Network
- 10/100 BaseT auto-sensing
- TCP/IP (TN5250e, AnyNet, PPR/PPD)
- DHCP Client
- SNA (APPC)
- Ethernet (IEEE 802.2, 802.3)

Approvals
- Logic Unit - FCC 15, CE
- Power Supply - UL, CE

Ports
- RJ45 for Ethernet
- DB9 for Twinax Dual-Phase connectors
- DB25 parallel for configuration printouts

Power Supply
- Input - 110 to 240 volt AC auto-ranging

Physical
- 17" X 6.5" X 1.75"
- 5 lbs.
- Temperature range +40° to 100° F (5° to 42° C)
- Relative Humidity 10% to 90% non-condensing



Features & Benefits

- **Investment Protection:** When installing an Ethernet Network attached to Power Systems (System i, iSeries, or AS/400) Twinax displays & IPDS/SCS printers can operate in the new Ethernet environment maintaining the usefulness of the equipment.

- **Eliminates the Need for Twinax Work Station:** A significant savings is realized when an I-O Xip Twinax Controller is installed instead of an expensive IBM Twinax Work Station Controller.

- **Multiple Hosts:** Supports up to four(4) hosts.

- **No Re-cabling:** The I-O Xip Controller allows Twinax displays and printers to be connected to existing Twinax or twisted-pair cabling - eliminating the expense of re-cabling.

- **Multiple Protocols:** Supports the auto-configuring TN5250e & AnyNet for Remote locations or SNA for a local attachment. Also supports PPR/PPD for IPDS printers that use PSF.

- **Multiple Sessions:** Up to four(4) sessions per physical device can be configured - up to a total of 56 logical sessions supported.

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