

Make the
Twinax to Ethernet connection
an easy step

Feature Highlights



- Allows any LAN connected Personal Computer or TCP/IP Client to be connected with any IBM System S/3X, AS/400 and Remote Control Units such as 5294 5394 and 5494 or compatibles
- Direct connection to the IBM Host via standard Twinax or UTP cabling with support of both IBM 5250 (standard and Express Data Stream) communication protocols
- Connection of any TCP/IP Client via standard network cabling
- Built-in Web Server for easy installation, configuration and monitoring
- Bundled with TwiNet-Suite a collection of useful 32-bit software applications and modules

TwiNet SNA Gateway is the first in a series of products targeting IBM Host connectivity based on the proprietary CompuMaster Net+Open platform.

TwiNet SNA Gateway is able to connect any IBM Host Systems such as S/3X, AS/400 and Remote Control Units 52XX, 53XX, 54XX and compatibles, to the local PC network, distributing 5250 Terminal/Printer session and APPC applications (CA/400, NS/Router) to any TCP/IP Client.

TwiNet SNA Gateway can be connected to the IBM Host using standard Twinax or UTP cable and it communicates with the IBM Host via standard or Express 5250 protocols.

TwiNet SNA Gateway is also able to connect (via standard network cabling) any PC or TCP/IP Client working with Windows '95/98/2000 or NT (with or without Citrix WinFrame or Terminal Server Edition) using TCP/IP protocol.

TwiNet SNA Gateway is unique in that it can distribute 5250 sessions (up to 7 sessions per unit) over a local PC network to any Client with TwiNet-Gold emulation software installed. It is possible to run standard 5250 Terminal/Printer sessions and/or APPC sessions using third party emulation software working with NS/Router (CA/400, NS/Elite, NS/Portfolio, View Now etc.). In APPC mode you can activate up to 32 Terminal/Printer sessions.

TwiNet SNA Gateway does not require any software or hardware upgrades to the IBM System. Additionally, TwiNet SNA Gateway can work with any IBM Host and does not require an Ethernet adapter to be installed on the System. TwiNet SNA Gateway fits well into S/36 or Advanced S/36 environments as well old AS/400 environments where there is no Ethernet adapter installed. TwiNet gives you the possibility to integrate your local PC network with your IBM system at a very low-cost.

TwiNet SNA Gateway can be installed either close to the IBM Host or close to the PC LAN. With a Twinax connection, TwiNet SNA Gateway can be installed up to 5000 feet (1525 meters) away from the Host.

TwiNet SNA Gateway is available in two models: TwiNet SNA Gateway (Single 10/100base T port), or TwiNet SNA Gateway Hub (with integrated 7 ports 10 Mbps – Europe Only).

Twinet SNA Gateway at a glance

Features Highlight

- Allows the connection of any PC or TCP/IP Client to any IBM Host System S/3X, AS/400 or Remote Control Units such as 52xx, 53xx, 54xx or compatibles.
- Direct connection to the IBM Host via standard Twinax or UTP cabling with support of both IBM 5250 (standard and Express Data Stream) communication protocols.
- Connection of any TCP/IP Client via standard network cabling.
- Supports the following protocols: UDP, TCP, ICMP, HTTP (server), FTP (server e client), BOOTP e DHCP (client), TFTP (client), DNS, SMNP, POP3, SMTP.
- Built-in Web Server for easy installation, configuration and monitoring.

Twinet-Suite at a glance

Twinet-Gold

- Bundled with Twinet this 32-bit emulation program has been specifically designed to work on Windows'95/98/NT and Windows 2000 platforms.
- Includes "Session Administrator", a powerful software tool used to create, modify, edit and manage all the configured sessions.

Terminal Session Characteristics

- Supported Display Emulations: 5251, 5291, 3196, 3180-2, 3197-D, 3197-C.
- Supports 14 resident national keyboard templates.
- Supports EURO symbol.
- Includes Hotspot, Macros and programmable EasyPad.
- Includes tools for keyboard mapping and attributes editing.
- Cursor and fonts selectable.
- Includes Cut/Copy/Paste feature.
- Includes Record/Playback feature.

Printer Session Characteristics

- Supported Printer Emulations: 5256, 5224, 5225, 4214, 4234, 5219-D, 3812.
- Support for continuous forms, multi drawers, envelope, manual feeders, simplex/duplex, auto page orientation, and COR (Computer Output Reduction).
- Supports CPI, LPI override and LQ, NLQ.
- Selectable Printing mode: Windows Driver (GDI, graphic mode).Pass Through Driver (PTD, text mode) : choice of a list of pre-configured, customizable Printer Driver.
- Supports Hex Pass-Through (HPT) feature, with customizable leading and ending sequences.
- Supports of EURO

Twinet-Link

- A collection of software modules that allows any 5250 emulation program using NS/Router (NetManage) to be used as a Client application to connect with Twinet, in order to activate APPC sessions. Applications such as CA/400, NS/Elite, NS/Portfolio, View Now can be used for APPC connections.

Twinet-Port

- TCP/IP Port for Windows'95/98, Windows NT and Windows 2000 for sharing the Bi-directional Printer Port available on the Twinet.

Twinet-Utilities

- A collection of useful applications to make the installation, configuration and monitoring tasks easy.

Adapter cables

- Included with Twinet:
 - Twinax Y adapter cable.
 - Power cable.

Technical Specifications

- Connectors:
 - Twinet SNA Gateway 100: 1 RJ 45
 - Twinet SNA Gateway HUB: 7 RJ 45 (1 can be used as Uplink).
- LEDs:
 - Twinet SNA Gateway 100: Power, Link, 10/100, Check, Alert, Packet and Collision.
 - Twinet SNA Gateway HUB: Power, Link, 10/100, Check, Alert, Packet, Collision and Port 1-7.
- Main Power 100-240V AC 50-60Hz
- Dimensions:
 - High: 47 mm
 - Width: 220 mm
 - Depth: 144 mm
- Weight:
 - Twinet SNA Gateway 0,75 Kg.
- Temperature and relative humidity:
 - from 10° to 40°, 8% to 85%

Certifications

CE –EN 55022 – EN 50082-1 – FCC Class A

Limited warranty

1 year manufacturing fault warranty

Ordering Information

Item Number: **CM-TWINET** - Twinet SNA Gateway (Part Number 60AC00001)



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