



The World's Most Popular IBM 5394 Compatible Remote Controllers

Features and Benefits:

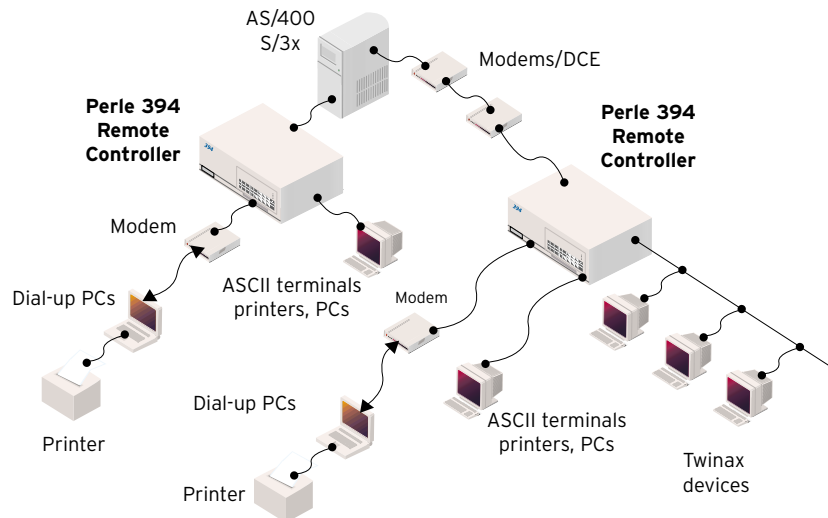
- IBM 5394 compatible
- Multi-session support on single session terminals for improved productivity
- Field expandable models for growth up to 80 remote Twinax devices
- Optional ASCII support provides dial-up access to midrange applications
- Support for Client Access/400, Office Vision/400, PC Support/36, DisplayWrite/36 and IPDS printers
- User friendly configurator - in 6 international languages - for ease of setup

The Perle 394 Series of Remote Controllers are advanced IBM 5394 compatible workstation controllers for remote or local attachment to IBM AS/400 (iSeries) and S/3x hosts. These easy-to-use controllers provide the functionality available on the IBM 5394 plus many added value features and optional expandability - all at a great price.

All the host connectivity interfaces come as standard for support of both analog and digital host communications via SDLC or X.25. Host communications speeds of up to 64Kbps are supported on all models.

Productivity assured

On top of truly exceptional compatibility, Client Access/400, Office Vision/400, PC Support and DisplayWrite are all supported, ensuring maximum user productivity.



Flexible set-up and configuration

Configuring a Perle 394 controller couldn't be easier. Users can choose between the familiarity of an IBM style configurator or the flexibility of the Perle Custom Configurator. The Perle configurator allows multiple sessions to be assigned to single session terminals - accessible through a simple hot-key sequence.

Perle 394T Entry Level Twinax Remote Controller

For the smaller remote site requiring the connection of 8 Twinax users or less.

Perle 394TX Expandable Twinax Remote Controller

For sites with 16 to 48 Twinax users. Field-expandable with expansion slots for up to three 16 device controller cards.

Perle 394E Expandable Twinax Remote Controller

For sites requiring greater or more flexible expansion. Field expandable, with five controller card expansion slots. Supports 8 to 80 users. Use any combination of 8 or 16 device Twinax controller cards and 4 device ASCII Cards.

Class leading service and support

The Perle 394 is backed by the best service and support in the industry including Perle's one year warranty.

Technical Specifications

Dimensions

- 7"x16.8"x13" (H) x (W) x (D)
- 33 lb. max.

Physical Requirements

Ambient temperature

- 50°F – 85°F

Relative humidity

- 20 – 80% non-condensing

Power

- 115VAC, 60Hz, 1.5A 230VAC, 50Hz, 0.75A

BTU output

- 400 BTU/hr. max.

MTTR

- 30 minutes

MTBF

- 67,000 hours (7.6 years)

Communications Speed

- Up to 64 Kbps over non-switched data-phone digital service (DDS) line.
- Up to 64 Kbps with local attach to the host using the built-in modem eliminator.
- Up to 19.2 Kbps supported with synchronous modems and analog lines.

ASCII devices (394E Only)†

- Up to 38.4 Kbps using async dial-in port on ASCII

Feature Card

Host Interface

- EIA 232D (V.24, V.28), V.35, X.21

Disk Drive

- 3.5 in., 1.44 Mb floppy disk drive

Communications Protocols

- SDLC, X.25

Configurator Languages

System software is available in the following languages:

- 394T and E English, French, German, Italian, Spanish and Japanese
- 394TX English, French, German, Italian and Spanish

Approvals

- FCC, UL listed, CSA, DOC, TUV and BZT

Physical Interface

- Twinax cable length 1,235 m / 5,000 ft. maximum

Baluns/patch panel

- Most baluns/patch panels are supported, with maximum distances dependent on equipment used.

Supported Workstations:

- Supports all Twinaxial workstations, printers, IBM PCs and compatibles supported by the IBM 5394

Supported Sessions:

- Multiple "sessions" may be mapped to a single physical terminal, so that multiple applications may be run simultaneously from the single terminal.
- Seven sessions per Twinax port (8 or 16 devices per controller card).

394T Feature Card* (One per controller)

Connectors:

- Four active Twinax turrets in either 5294 or 5394 modes

Device Support:

- Up to 8 Twinax devices.

394TX Feature Card* (Three per controller)

Connectors:

- Each board has four active Twinax turrets in either 5294 or 5394 modes. Each board is user-installable (and removable) for easy reconfiguration of networks.

Device Support:

- Up to 16 devices per card (48 devices maximum).

394E Feature Cards (Up to five per controller)

Twinax cards Connectors:

- Each board has four active Twinax turrets in either 5294 or 5394 modes. Each board is user-installable (and removable) for easy reconfiguration of networks.

Device Support:

- 8 or 16 Twinax devices.

ASCII Card†

Interface Ports:

- Four RS-232 female connectors, DTE/DCE switch for selecting modem or direct connect

ASCII devices supported:

PCs running PerleTALK Terminals:

- Any ANSI 3.64-compatible display, including models from DEC, IBM, Teletype and Wyse.

ASCII/async printers:

- Printers supported include models from HP, Epson, IBM, Okidata, C. Itoh, and others.

Terminal emulations:

- 5250 Model 11, 5291, 5292, 3180

Printer emulations:

- 5256, 5224, 5225, 5219, 4214, 3180 Model 1

PC Support workstations:

- PC Support/36-38 (with PerleTALK for DOS)
- AS/400 PC Support for DOS;
- Client Access/400
- Showcase Vista and Rumba
- Multiple sessions under PC Support or Client Access are fully supported by the Model 3i
- All PC Support applications are supported using IBM's DOS router and PerleTALK/400 Adapter Handler (supplied)
- Supports Emerald's ETU 36/400 file transfer package

Warranty

- One year warranty

Maintenance Agreement

- To ensure rapid system recovery, maintenance agreements are available for Perle hardware. These include on-site service in many areas, or express part replacement. Visit Perle's Web site for coverage details. www.perle.com/support/service_sales.html

Free Software

- Perle provides free software upgrades to registered users, via Perle's Web site. www.perle.com/downloads

*Not available in Asia Pacific region.

†Feature not supported for double byte character set applications.

Visit the Perle Web site for up-to-date product support and technical information.

www.perle.com/products

Ordering Information

For Product Codes and Model Descriptions, please visit Perle's Web site at www.perle.com/products and select Product Family AS/400 Connectivity

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