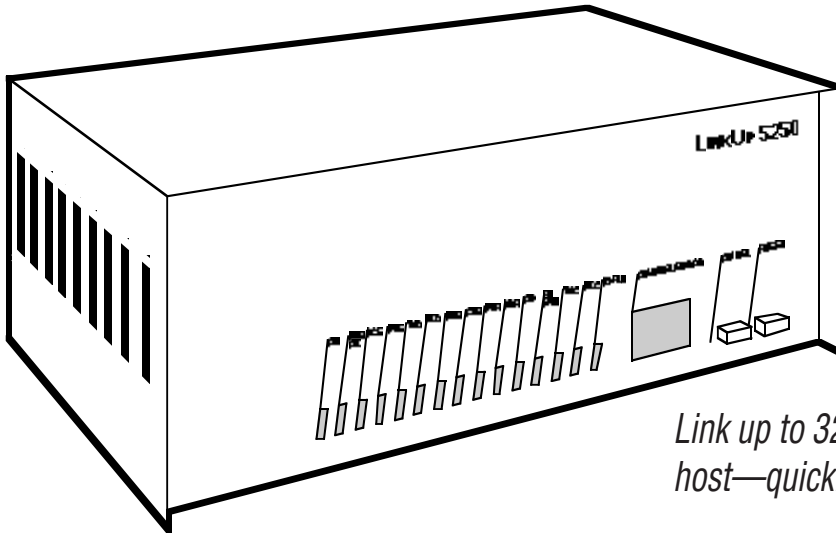


BLACK BOX[®]

NETWORK SERVICES

LinkUp 5250 and 3270



Link up to 32 users to your IBM[®] host—quickly and efficiently.

Key Features

- ▶ *Links PCs, dumb terminals, and printers to a 5250 or 3270 host.*
- ▶ *Supports today's popular terminals.*
- ▶ *Slide-in communication boards make adding ports easy.*
- ▶ *Turns low-cost ASCII printers into system printers.*
- ▶ *Optional software packages are available.*
- ▶ *Sustains remote sessions for over an hour and a half.*
- ▶ *Maintains a session even during accidental disconnection.*

LinkUp 5250

With the LinkUp 5250, you can give your ASCII devices access to your IBM[®] midrange host. Here's how: The LinkUp 5250 translates AS/400[®] or System/3X synchronous EBCDIC to async ASCII and ASCII to EBCDIC. In addition, it gives you async passthrough from terminals to async host ports.

No matter which application you choose, you can connect up to 32 users through a combination of 4- or 8-port RS-232 boards (sold separately). Two types of emulation software are available—5250 DOS and 5250 Windows[®]. Both enable your PC to communicate with the LinkUp 5250 Base Unit.

LinkUp 3270 (BSC or SNA)

This intelligent controller provides 3X74 emulation allowing your ASCII terminals and printers to communicate to your IBM 3270 mainframe. It also enables async passthrough to an async host.

Pop-in firmware cartridges (sold separately) provide BSC or SNA/SDLC protocol conversion. Attached terminals are treated as IBM 3278 terminals (LU Type 2). Printers are treated as IBM 3287 printers (LU Type 1 or 3).

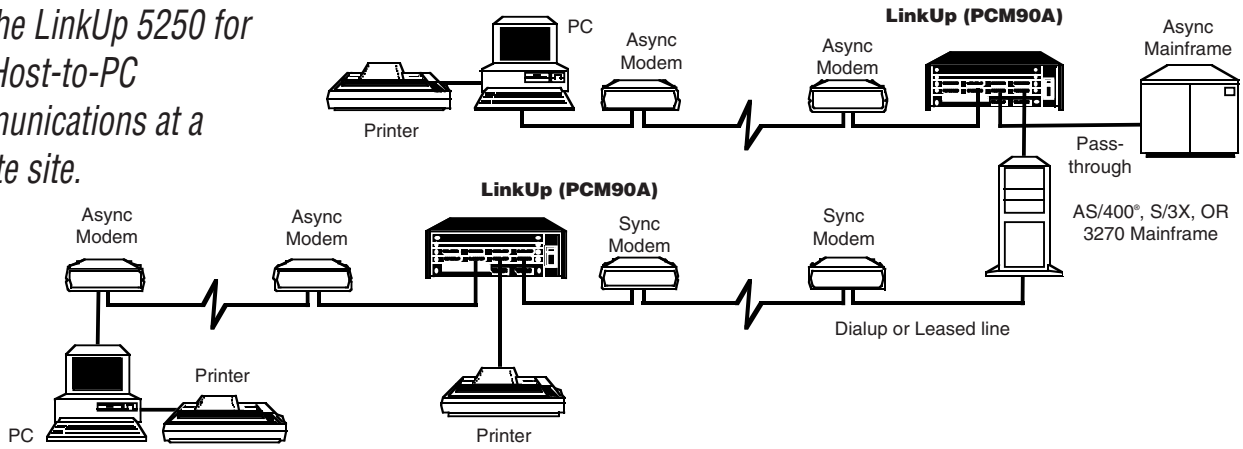
The PC Software—LinkUp (sold separately), lets your PC communicate with the Base Unit.

It also offers file transfers compatible with IBM IND\$FILE.

The LinkUp 5250 and 3270 have four applications:

- 1) *Attach Linkup locally and the PC locally.*
- 2) *Attach Linkup locally and the PC remotely.*
- 3) *Attach Linkup remotely over sync modems and PC locally.*
- 4) *Attach Linkup remotely and PC remotely.*

Use the LinkUp 5250 for IBM Host-to-PC communications at a remote site.



Technically Speaking

- For a typical LinkUp application, you may also need modems and RS-232 cable.
- The LinkUp 3270 and 5250 SNA Firmware offers system management capabilities. LU and Port Summary supply information on port connections and configuration. With remote reset the system manager can reset ports from another location. SNA/ SDLC counters keep track of any errors, and a full sync data trace monitors both the input and the output data stream for a selected sync port.
- Order the LinkUp Base Unit with as few as one 4-Port Board. When you need to expand, additional Port Boards let you upgrade the LinkUp to as many as 32 ports in just minutes.
- Connect DTE or DCE devices easily with straight cable. A DTE/DCE autodetect feature eliminates cable complications. It determines the status of your host or async devices and automatically configures all ports to the correct setting.
- LinkUp includes built-in drivers that support yesterday's and today's popular terminals. A custom terminal configuration feature enables you to create and store up to five new drivers.

For these and other components...
 Call our expert Technical Support Staff for all your Converter needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
LinkUp 5250	
LinkUp Base Unit	PCM90A
5250 Firmware	PCM91-R2
4-Port RS-232 Board—DB25	PCM82-C
4-Port RS-530 Board—DB25	PCM83-C
8-Port RS-232 Board—DB9	PCM84-C
5250 DOS Emulation Software	PC058A-R2
5250 Windows Emulation Software	PC059A

Use software to run PC Support 36, 38 or 400, as well as client access 400 for DOS.

LinkUp 3270 BSC

LinkUp Base Unit	PCM90A
3174 BSC Firmware	PCM71
4-Port RS-232 Board—DB25	PCM82-C
4-Port RS-530 Board—DB25	PCM83-C
8-Port RS-232 Board—DB9	PCM84-C
PC Software LinkUp	PCM77-R2

Use software for file transfers with IBM IND\$.

LinkUp 3270 SMA

LinkUp Base Unit	PCM90A
3174 SNA Firmware	PCM92
4-Port RS-232 Board—DB25	PCM82-C
4-Port RS-530 Board—DB25	PCM83-C
8-Port RS-232 Board—DB9	PCM84-C
PC Software LinkUp	PCM77-R2

Use software for file transfers with IBM IND\$.

Specifications

Emulation — LinkUp 5250:

Controllers: 5251-12, 5294, 5394 ; Terminals: 5251-11, 5291, 5292; Printers: 5224/25/26; LinkUp 3270 BSC and SNA: Controller: 3x74; Terminals: (SNA or BSC) 3278, 3178, 3179; Printers: (SNA or BSC), 3287

Protocol — LinkUp 5250: 5250 SNA/SDLC; LinkUp 3270 BSC: 3270 bisync; LinkUp 3270 SNA: 3270 SNA/SDLC

Speed — Terminals and Printers: Up to 19.2 Kbps

Interface — (2) RS-232

DTE/DCE-selectable; Host: Synchronous RS-232/V.24; Users: Asynchronous RS-232/V.24 or RS-530

Connectors — Base Unit: (2) DB25 female, sync

Power — 115/230 VAC, 60/50 Hz

Size — 15.2H x 42.7W x 27.9D cm

Weight — 7.7 kg