

IBM 8275 Model 416 Identification

Building/Room/Rack	_____
Unit/Serial Number	_____
MAC Address	_____
IP Address	_____

Contact Identification

Network Administrator	_____
Telephone	_____
Service Contact	_____
Telephone	_____

IBM Support Information - WWW

Download latest code, fixes, and technical tips for your IBM products. You can also register to receive e-mail notifications about your products.

<http://www.networking.ibm.com/support>

You can obtain copies of user documentation from:

<http://www.networking.ibm.com/did/8275bks.html>

Printed in Singapore
Part Number: 31L3647

Troubleshooting

1. Determine if the fans are running; if not, test the ac power outlet.
2. Remove and reattach all cables. Check all cables, connectors, and ports for damage.
3. Verify that configuration settings are correct.
4. Verify that the power-on self-test (POST) runs correctly.

Preparing to Call the IBM Product Help Center

Gather the following information:

- Product model and serial number
- Proof of purchase
- Status of LEDs
- Description of problem
- Hardware and software configuration

If possible be near your 8275-416. The technical support representative might want to walk you through a procedure during the call.

Placing a Call to the IBM Product Help Center

- In the U.S.A., call the IBM PC HelpCenter at 1-800-772-2227.
- In Canada, call HelpPC at 1-800-IBM-SERV (1-800-426-7378).
- Outside of the U.S.A. and Canada, contact your place of purchase or your local IBM branch office.

Replacement Parts

35L2354 8275-416 High Performance Ethernet Workgroup Switch
35L2355 8-Port 10/100BASE-TX Feature Module
35L2356 8-Port 100BASE-FX Feature Module

LED Status for the 8275-416

8275-416 LEDs are located in the lower left corner, when facing the front panel of the 8275-416. 8275-416 LED status indications are shown in the following table:

LED	Color	State	Explanation
I (Power)	Green	ON	There is ac power to the 8275 and the power supply is OK.
		OFF	No ac power is present, or there is a power supply failure.
OK	Green	ON	8275-416 is operational.
		OFF	8275-416 is not operational.
		Blinking	Configuration file or Operational code file transfer is in process. Do not power-off or reset the 8275-416.
Fault	Yellow	ON	Indicates a hardware fault.
		OFF	No hardware fault.
		Blinking	Diagnostics is in process.

LED Status for the Base 10/100BASE-TX Ports

Port numbers (1x to 16x) are located just above each base port, when facing the front panel of the 8275-416. Port LEDs are Green and are located in the lower right and left corners of each port. Port LED status indications are shown in the following table:

LED	Color	State	Explanation
Right Ethernet Port LED	Green	ON	Indicates 100 Mbps port.
		OFF	Indicates 10 Mbps port.
Left Ethernet Port LED	Green	ON	Link is up.
		OFF	Link is down.
		Blinking	Transmitting (Tx) and receiving (Rx) traffic.

LED Status for 10/100BASE-TX Feature Module

LED	Color	State	Explanation
OK	Green	ON	There is ac power to the feature module.
		OFF	There is no ac power to the feature module, no power to the 8275-416, or the module has failed.
Fault	Yellow	ON	There is a module fault.
		OFF	There is no module fault.
Right Ethernet Port LED	Green	ON	Indicates 100 Mbps port.
		OFF	Indicates 10 Mbps port.

LED	Color	State	Explanation
Left Ethernet Port LED	Green	ON	Link is up.
		OFF	Link is down.
		Blinking	Transmitting (Tx) and receiving (Rx) traffic.

LED Status for 100BASE-FX Feature Module

LED	Color	State	Explanation
OK	Green	ON	There is ac power to the feature module.
		OFF	There is no ac power to the feature module, no power to the 8275-416, or the module has failed.
		Blinking	Transmitting (Tx) and receiving (Rx) traffic.
Fault	Yellow	ON	There is a module fault.
		OFF	There is no module fault.
Port LED	Green	ON	Link is up.
		OFF	Link is down.
		Blinking	Transmitting (Tx) and receiving (Rx) traffic.

Using the Terminal Interface

To configure the 8275-416, connect a null-modem cable to the COM port of your PC and to the EIA 232 port of the 8275 416. Use a VT100 terminal emulator program to configure your PC COM port as follows:

- 19200 baud
- 8 data bits
- 1 stop bit
- No parity
- Hardware flow control: Off
- VT100 emulation

- The ASCII terminal's communications port number that connects to the 8275-416.

On the Logon panel, enter the user name and password.

Note: The default Read/Write User Name is: admin. The default password is blank (no password).

On the Main Menu:

- Tab and Arrow keys—navigate through the menu
- Enter—selects menu item
- F1 or HELP—displays keyboard commands
- F2—toggles between menu text and Command Bar.
- F3 or PREV MEMU—returns to the previous display
- F4—saves changes.

Configuring Using Your Web Browser

You can use the Internet to configure the 8275-416 by:

1. Entering the IP address of the 8275-416 in the address field of your Web browser and pressing Enter.
2. Logging in using your user name and password, and pressing Enter.

Note: The default Read/Write User Name is: admin. The default password is blanks (no password).
3. Clicking on appropriate item in the Navigation Tree causes the desired menu screen to appear.

See the 8275-416 User's Guide for an explanation of the information displayed.