

IBM 8275 Model 217/225 Identification

Building/Room/Rack	_____
Unit/Serial Number	_____
NM MAC Address	_____
STP 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>

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
- Exact wording of SNMP traps (if any)
- Hardware and software configuration

If possible be near your 8275 217/225. 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

30L7644 8275-217 Ethernet Workgroup Switch
30L7646 8275-225 Ethernet Workgroup Switch
30L7648 8275-217/225 100BASE-FX Uplink Module (Large)
30L7649 8275-217/225 100BASE-TX Uplink Module (Large)
30L7651 8275-217/225 10/100BASE-TX (Small)

Getting Port Status (Control Panel)

Port numbers are located at the top of the control panel and indicate the following port statuses:

Port Number	Outline Box	Port Status
Normal	Off	Port is available but link is down.
Bright	Off	Port is available and link is up.
Blinking	Off	Port is transmitting/receiving data.
Bright	On	Port is disabled by administrator.
Bright	Blinking	Port is auto-partitioned due to errors.

Use the Menu, Scroll, and Enter keys to display port statistics.

- **Menu**—Return to the previous level
- **Scroll**—Choose another topic within level
- **Enter**—Go to next level or view status

Level 1	Level 2	Level 3
Utilization		
Collision		
Group Sel	Group A	
	Group B	
Statistics	Port x	RX Frames
		RX Octets
		Multicast RX
		Broadcast RX
		RX Align ERR
		RX CRC ERR
		RX Jabbers
		RX Fragments
		Oversize RX
		Undersize RX
		TX Frames

Level 1	Level 2	Level 3
		TX Octets
		Multicast TX
		Broadcast TX
		RX Overrun
Port Status	Port x	(scrolling status)
	All Ports	10MB Ports
		100MB Ports
		Half Duplex
		Full Duplex
		Enabled
		Disabled
		Store Fwd
Port Config	Ports 1-16/ Ports 1-24	Auto Nego
		Full Duplex
		Half Duplex
		Enable
		Disable
		BS Enable
		BS Disable
	Ports 17-19/ Ports 25-27, All	10BASE-T
		100BASE-X
		Auto Nego
		Full Duplex
		Half Duplex
		Enable
		Disable
		BS Enable
		BS Disable
Unit Config	Console Lock	Enable
	Network Conf	IP Address
		Subnet Mask
		Def Gateway
		Slip Addr
		Slip Subnet
	Set Password	**** PSW
	Sys Restart	Continue

Level 1	Level 2	Level 3
		Cancel
	System Info	DRAM
		FDB
		HW Ver
		BT Ver
		RT Ver
		WEB Ver
		IP Address
		Subnet Mask
		Def Gateway
		Slip Address
		Slip Subnet
		MAC Address

Logging On (Control Panel)

- Scroll to find UNIT CONFIG; press ENTER
- Scroll to 1st digit of password; press ENTER
- Scroll to 2nd digit of password; press ENTER
- Repeat until all digits are entered

Note: A user's default password is 0000.

Configuring Ports (Control Panel)

Configure port to match port at other end of the link. Ensure that duplex mode (Half/Full) and speed are identical.

- Select **PORT CONFIG**
- Select port number
- Scroll to view port settings. Selected settings are marked with an asterisk (*). Press Enter to change settings.

Using the Console Program

To configure the 8275 217/225, connect a null-modem cable to the COM port of your PC and to the EIA 232 port of the 8275 217/225. Use a 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

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

Note: The default user name is admin. This user name has no default password.

On the Main Menu:

- Tab and Arrow keys—navigate through the menu
- Enter—selects menu item
- Exit or Esc—returns to the previous display
- Help—displays keyboard commands

Using Web Browser Management

You can use the Internet to configure the 8275. Enter the IP address or host name in your Internet browser's address field. You are prompted for a user name and password.

Note: The default user name is admin. This user name has no default password.

Use your 8275 217/225 documentation for an explanation of the information displayed.