

## Hardware Configuration Quick Reference

Slot	Component	Logical Address	Connect to	Attached Device	MAC Address
1					
2					
3					
4					
5					

Adapter Port Cabling Chart

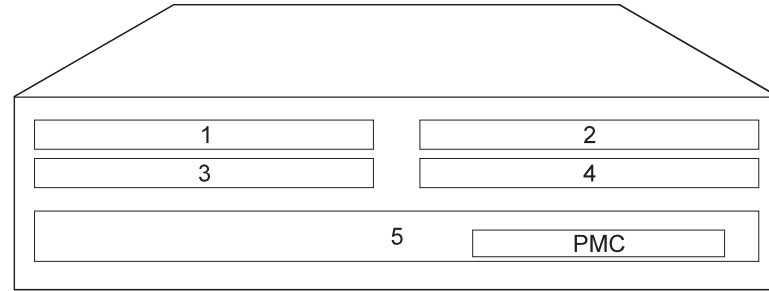


Figure 1. Slot Numbering on the IBM 2212, Models 4xx

**Machine Type and Model: 2212-4xx**

Serial Number \_\_\_\_\_

### Important Phone Numbers

Contact Name	Telephone Number
System Administrator:	
Service Representative:	
IBM Service:	1-800-426-7299

### Important URLs

**Software Updates:** <http://www.networking.ibm.com/support/2212>

**Product Information:** <http://www.networking.ibm.com/2212/2212prod.html>

**Publications:** <http://www.networking.ibm.com/did/2212bks.html>

## System Card LEDs

LED	Color	Meaning
System Card Status	Green	On - System card operating normally. Off - Waiting for power-on or operational code to be loaded.
	Yellow	On - System card has a fault.
Service Port	Green	On - Port hardware is operating normally. Off - DRAM may be defective.
	Yellow	On and System Card Status Yellow LED on - service port defective. Off - No problem detected.
Integrated WAN port	Green	On - Port is up (configured, enabled, operating normally), testing (running self-test), or down. Check status of corresponding integrated WAN port Yellow LED to determine state of port. Off- Port is not configured or is disabled.
	Yellow	On - Port has a hardware fault. Blinking - Port has I/O failure, detected a network failure, or is not connected to a live network. Off - Port is up or testing. No problem detected.
PMC adapter	Green	On - PMC adapter is up (configured, enabled, and operating normally), testing (undergoing self-test), or down. Check status of corresponding PMC yellow LED to determine state of adapter. Off - PMC adapter is up or testing. No problem detected.
	Yellow	On - PMC adapter has a hardware fault or is not seated correctly. Blinking - I/O or network failure, or not connected to a live network. Off - Adapter is up or testing. No problem detected.

## Adapter Port LEDs

LEDs	Meaning
<i>4-Port WAN Adapter LEDs</i>	
Green	On - Port is up (configured, enabled, operating normally), undergoing self-testing, or down. Off - Port is not configured or is disabled.
<i>ISDN Adapter Card LEDs</i>	
Green	On - Port is up (configured, enabled, operating normally), undergoing self-testing, or down. Check corresponding ISDN port Yellow LED to determine state of port. Off - Port is not configured or is disabled.
Yellow	On - Port has a hardware fault. Blinking - Port has an I/O failure, has detected a network failure, or is not connected to a live network. Off - Port up or testing. No problem detected.
<i>Token-Ring PMC/Adapter Card LEDs</i>	
Green on, yellow off	Adapter enabled and operational.
Green off, yellow on	Adapter self-diagnostic tests failed due to a problem with the adapter.
Green off, yellow blinking	Adapter closed due to undetected error. One of the following exist: <ul style="list-style-type: none"> <li>• May have been closed by network administrator.</li> <li>• <b>Adapter open</b> operation failed.</li> <li>• Adapter detected a wire fault.</li> <li>• Adapter failed <b>auto-removal</b> test.</li> </ul>
Green on, yellow blinking	Adapter has detected beaconing on the Token Ring.
Green blink, yellow off	Card hardware is operational. Port has been disabled.

LEDs	Meaning
Alternating green blink, yellow blink	Waiting for configuration of card to be initialized or for card to insert into the ring.
Green off, yellow off	Adapter not receiving power or is initializing.
<i>Ethernet Card LEDs</i>	
LNK (Green)	Link LED On - Port successfully connected to Ethernet segment. Off - A cable is not plugged into the port.
TRF (Blinking green)	Traffic LED On - Frames are being transmitted or received on the port. Off - No frames are being transmitted or received on the port.
FDX (green)	Full-duplex LED On - Port is running in full-duplex mode. Off- Port is running in half-duplex mode.
100 (green)	100-Mbps LED On - Port is running in 100-Mbps mode. Off - Port is running in 10-Mbps mode.

## Additional Slot-Status LEDs

LEDs	Meaning
OK (Green) - ON	Card is operational.
Yellow - OFF	
OK (Green) - OFF	Card has a fault.
Yellow - ON	
Both off	No card installed in the slot.

**Reset Button on System Card:** If pressed and held for less than 6 seconds, memory contents are dumped to hard file or network server if dumping is enabled. If reboot is enabled, 2212 will reboot. If reboot is not enabled, 2212 will hang.

If pressed and held for 6 seconds, component tests are run and operational code is reloaded.