

# IBM Access Family

The Access Family consists of the following products:

- 2210 Nways® Multiprotocol Router
- 2212 Access Utility
- 2216 Nways Multiaccess Connector Model 400
- Network Utility TN3270E Server and Transport

These products function as routers and gateways that permit access to and from the LAN to the Internet, intranet or corporate extranets that are the basis for e-business.

## Access Family at a glance

Product	Protocols	Number and types of ports/slots
2210 Nways Multiprotocol Router	ATM, Frame Relay, PPP, ISDN, APPN®, DLSw, IP, IPX, AppleTalk and HPR	<p><i>Models 1S4, 1S8, 1U4, 1U8:</i> 1 Ethernet port; 1 serial WAN or 1 ISDN BRI port</p> <p><i>Models 12T, 12E, 127, 128:</i> 1 LAN port (Ethernet or Token Ring); 2 serial WAN ports; 1 ISDN BRI port (Models 127 and 128)</p> <p><i>Models 14T, 24T, 24E, 24M:</i> 2 LAN ports; 4 serial WAN ports; 1 adapter slot supporting the following adapters: ISDN BRI, ISDN PRI, 25-Mbps ATM, 4- and 8-port WAN or ISDN Quad BRI</p>
2212 Access Utility	TCP/IP, AppleTalk, IPX, APPN, HPR, DLUR, DLSw, SDLC, Frame Relay, PPP, X.25 and IP	<ul style="list-style-type: none"> <li>• 4 integrated WAN ports</li> <li>• 5 adapter slots</li> </ul> <p>- Adapters choices include: 4-port WAN adapter, 1- or 2-port ISDN PRI adapters, 2-port ISDN BRI adapter, 1- or 2-port Token-Ring adapters, and 1- or 2-port Ethernet adapters</p>
2216 Nways Multiaccess Connector Model 400	TCP/IP, AppleTalk, IPX, APPN, HPR, DLUR, DLSw, SDLC, Frame Relay, PPP, X.25 and IP	<ul style="list-style-type: none"> <li>• 8 adapter slots</li> </ul> <p>• Adapter choices include: 1-port Parallel Channel, 1-port ESCON Channel, 2-port Token Ring, 2-port 10-Mbps Ethernet, 1-port 10/100-Mbps Ethernet, 8-port EIA 232/V.24, 6-port V.35 or V.36, 8-port X.21, 1- or 4-port ISDN PRI/Channelized T1/J1, 1- or 4-port ISDN PRI/Channelized E1, 1-port High Performance ATM MMF or ATM SMF, 1-port FDDI or 1-port HSSI</p>
Network Utility	APPN, HPR, ISR, DLUR, Frame Relay, DLSw, TCP/IP, ATM, PPP, X.25, SDLC and IP	<ul style="list-style-type: none"> <li>• 2 adapter slots for LANs, ATM and WANs</li> </ul> <p>• Adapters choices include: 1-port Parallel Channel, 1-port ESCON Channel, 2-port Token Ring, 2-port 10-Mbps Ethernet, 1-port 10/100-Mbps Ethernet, 8-port EIA 232/V.24, 6-port V.35 or V.36, 8-port X.21, 1-port MMF or SMF ATM, 1-port FDDI or 1-port HSSI</p>