

The IBM Workgroup Hub Family

IBM is committed to the development of Ethernet and Token-Ring solutions for organizations of all sizes from small- to medium-sized businesses and workgroups to full-scale enterprises. IBM offers a family of hubs designed to support ever-increasing network demands driven by growing user communities and new bandwidth-hungry applications. Our hubs provide the functionality, flexibility, scalability and dependability you require, while delivering a maximum return on your investment.

Ethernet is today's most widely used local area network (LAN) technology, accounting for an estimated 80% of all LANs. Its popularity is due to its combination of speed, cost-effectiveness, ease of installation and low maintenance. Hubs, which serve as a central connection point for networks, are at the heart of Ethernet LANs.

Workgroup Hubs at a glance

Product	Speed	Uplinks	Managed/ Unmanaged	Features
8237 Ethernet	10 Mbps Stackable Hub		Model 001 Unmanaged Management	<ul style="list-style-type: none"> • 17 port 10BASE-T stackable hub • Model 002 Basic (SNMP providing 170 ports/stack) • Jabber and excessive collision • Model 003 Advanced control featuring automatic partition and (SNMP and RMON) reconnection • Optional Fast Ethernet connectivity • Intrusion and eavesdropping security with automatic address learning mode • Modular design to accommodate growth
8242 Model 008	10 Mbps	MDI port	Unmanaged	<ul style="list-style-type: none"> • Enables small Ethernet LANs to be built in minutes • Suitable for home and small business environments • Supports eight ports • Can be cascaded to support larger networks via MDI port • Partitions ports automatically when excessive collisions or jabbering are detected • Usable with all standard STP, UTP and FTP cables
8242 Model 016	10 Mbps	MDI	Unmanaged	<ul style="list-style-type: none"> • All of the features of the 8242 Model 008, plus: <ul style="list-style-type: none"> - Supports 16 ports - Connects to 10BASE5, 10BASE2 and fiber network segments via an AUI port

Workgroup Hubs at a glance (continued)

Product	Speed	Uplinks	Managed/ Unmanaged	Features
8245 10/100 Stackable Ethernet Hub	10/100 Mbps	1 MDI and 1 MDI-X port Optional bridge module supplies 10/100 BASE-TX or 100BASE-FX uplink port	Model 012 Manageable Model 024 Manageable Model 112 Managed Model 124 Managed	<ul style="list-style-type: none"> • Models 012 and 112 provide 12 auto-sensing 10BASE-T or 100BASE-TX ports • Models 112 and 124 provide 24 auto-sensing 10BASE-T or 100BASE-TX ports • Provides remote management and configuration to keep initial installation simple • Supports up to six hubs in a stack providing up to 144 port connections with up to 18 pairs of redundant ports • Can be cascaded to support larger networks via MDI port • Partitions ports automatically when excessive collisions or jabbering are detected
8226 Token-Ring Model 001			Unmanaged	<ul style="list-style-type: none"> • Can be used as a stand-alone ring RJ-45 connection • Resets port relays automatically • Splitter function uses a single hub port to connect up to eight devices • Ability to directly attach via RJ-45 connection
8228 Multistation Access Unit			Unmanaged	<ul style="list-style-type: none"> • Flexible mounting options • Offers connections for up to eight devices • Provides eight Token-Ring ports • Offers RI/RO ports
8230 Controller Access Unit Models 003, 013 and 213			Both Managed and Unmanaged	<ul style="list-style-type: none"> • Granular and modular, intelligent Token-Ring concentrators • Provide economical, intelligent access for as few as 2 device attachments • Operate in a small network with management or in a managed environment supporting either CMOL or SMNP management
8230 Controller Access Unit Models 04A and 04P			Both Managed and Unmanaged	<ul style="list-style-type: none"> • 16 shielded RJ-45 ports for device attachment • Offer basic concentration at a reasonable price per port • RI/RO capability • Automatic speed detection
8239 Token-Ring Stackable Hub Model 001			Managed	<ul style="list-style-type: none"> • Supports ring error monitoring, ring parameter and configuration report server • Supports Token-Ring media management, RMON and RMON2
8239 Token-Ring Stackable Hub Model 002			Managed	<ul style="list-style-type: none"> • Allows up to eight hubs in a single stack • Works well in a variety of SNMP-based network management products