

# Communication Products

## Options

### 4000 Modular Chassis

| Legacy #   | Option     | Spare      | Description                                | Notes         |
|------------|------------|------------|--------------------------------------------|---------------|
| CHAS10-350 | 810193-001 | 289820-001 | 10-Slot Chassis with 350 Watt Power Supply | Only in black |
| CHAS10     | 810194-001 | 289821-001 | 10-Slot Chassis with 250 Watt Power Supply | Only in black |
| PSM350     | 810195-001 | 289822-001 | 350 Watt Redundant Power Supply            | Only in black |
| PSM250     | 810196-001 | 289823-001 | 250 Watt Redundant Power Supply            | Only in black |
| CHAS06     | 810026-001 | 289824-001 | 6-Slot Chassis with 250 Watt Power Supply  | Only in black |
| CHAS03     | 810070-001 | 289825-001 | 3-Slot Chassis with 130 Watt Power Supply  | Only in black |

### 6000 Modular Chassis

| Legacy #    | Option     | Spare      | Description                                                      | Notes |
|-------------|------------|------------|------------------------------------------------------------------|-------|
| CHAS6NSE-10 | 810016-003 | 289826-001 | 10-Slot Chassis with Network Services Engine (450 Watts)         | *     |
| CHAS6000-10 | 810016-002 | 289827-001 | 10-Slot Chassis w/ 450 Watt Power Supply                         | *     |
| NSE-1       | 810017-001 | 289828-001 | Network Services Engine                                          | *     |
| PSM450      | 810009-001 | 289829-001 | 450 Watt Redundant Power Supply                                  | *     |
| CHAS6000-3  | 810054-001 | 289830-001 | PowerBase 3-Slot Chassis w/ 450 Watt Power Supply                |       |
| CHAS6000-3S | 810045-001 | 289831-002 | 3-Slot Chassis w/ 450 Watt Power Supply, No Redundant Capability |       |
| PSM6000-3   | 810064-001 | 289831-001 | 450 Watt Redundant Power Supply                                  |       |

\* Out of production 6/28/96. Available while supplies last.

### 6000/4000 Ethernet Chassis Modules

| Legacy # | Option     | Spare      | Description                                                          | Notes         |
|----------|------------|------------|----------------------------------------------------------------------|---------------|
| MSM24-A  | 810015-001 | 289832-002 | Series 4000 10BASE-TX 24/1 Unmanaged/Segmentable Optional Media Port | Only in black |
| MSMM24-A | 810015-002 | 289832-001 | Series 4000 10BASE-TX 24/1 Managed/Segmentable Optional Media Port   | Only in black |
| MSM24    | 810239-002 | 289833-002 | 24 Port RJ-45 Module, 3 Segments                                     | Only in black |
| MSMM24   | 810239-001 | 289833-001 | 24 Port RJ-45 Module, 3 Segments, Management Module                  | Only in black |
| MSTM24   | 810082-001 | 289834-001 | 24-Port MultiSegment Telco Module                                    | Only in black |
| MSTMM24  | 810082-002 | 289835-001 | 24-Port MultiSegment Management Telco Module                         | Only in black |
| MSMF15   | 810056-001 | 289836-002 | 12 RJ45 & 3 10Base-FL Ports, MultiSegment Trunk Module               | Only in black |
| MSMMF15  | 810057-001 | 289836-001 | 12 RJ45 & 3 10Base-FL Ports, MultiSegment Mgmt Trunk Module          | Only in black |
| MSMF22   | 810058-001 | 289837-002 | 22-Port MultiSegment Trunk Module                                    | Only in black |
| MSMMF22  | 810059-001 | 289837-001 | 22-Port Managed MultiSegment Trunk Module                            | Only in black |

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### 6000/4000 Ethernet Chassis Modules (continued)

| Legacy #  | Option     | Spare      | Description                                                  | Notes         |
|-----------|------------|------------|--------------------------------------------------------------|---------------|
| MISAU1    | 810090-001 | OEM        | 2-Port Isolation Switch with External AUI                    | *             |
| MISBNC    | 810091-001 | OEM        | 2-Port Isolation Switch with External BNC                    | *             |
| MISUTP    | 810093-001 | OEM        | 2-Port Isolation Switch with External RJ45                   | *             |
| MISFIB    | 810092-001 | OEM        | 2-Port Isolation Switch with External 10Base-FL              | *             |
| MAUI1     | 810004-004 | 289838-001 | AUI Alternate Media Connector for MultiSegment Modules       | Only in black |
| MBNC1     | 810043-001 | 289839-001 | BNC Alternate Media Connector for MultiSegment Modules       | Only in black |
| MFIB1     | 810006-004 | 289840-001 | 10Base-FL Alternate Media Connector for MultiSegment Modules | Only in black |
| UTPM12A   | 810197-001 | 289841-001 | 12-Port 10Base-T Host Module (1 AUI Port)                    | Only in black |
| UTPM12-AT | 810198-001 | 289842-001 | 12-Port Telco Module (1 50-pin Telco Connector, 1 AUI)       | Only in black |
| UTPM12-F  | 810199-001 | 289843-001 | 12-Port 10Base-T Ethernet Module with 1 10Base-FL Port       | Only in black |
| FIBER06   | 810200-001 | 289844-001 | 6-Port Fiber Module (ST pairs, FOIRL)                        | Only in black |
| UTPM12    | 810197-001 | 289845-001 | Series 4000 10BASE-TX 12/1 Manageable Telco/UTP              |               |
| UTPM12-S  | 810201-001 | 289846-001 | 12-Port 10Base-T Smart Module                                | Only in black |
| UTPM12-ST | 810202-001 | 289847-001 | 12-Port Telco Management Module                              | Only in black |

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### 6000/4000 Token Ring Chassis Modules

| Legacy # | Option     | Spare      | Description                                         | Notes |
|----------|------------|------------|-----------------------------------------------------|-------|
| TRMUIFO  | 810020-001 | 289848-001 | 12-Port RJ45 Advanced TR Module (UTP RI/Fiber RO)   | *     |
| TRMFIUO  | 810020-002 | 289849-001 | 12-Port RJ45 Advanced TR Module (Fiber RI/UTP RO)   | *     |
| TRMFIFO  | 810020-003 | 289850-001 | 12-Port RJ45 Advanced TR Module (Fiber RI/Fiber RO) | *     |
| TMUIFO   | 810023-001 | 289851-001 | Advanced TR Module (UTP RI/Fiber RO)                | *     |
| TMFIFO   | 810023-003 | 289852-001 | Advanced TR Module (Fiber RI/Fiber RO)              | *     |
| TMFIUO   | 810023-002 | 289853-001 | Advanced TR Module (Fiber RI/UTP RO)                | *     |
| TRM1     | 810100-001 | 289854-001 | 12-Port RJ45 TR Module (UTP RI/RO)                  | *     |
| AFT      | 810203-001 | 289855-001 | Advanced Fault Tolerant Daughtercard for TRM1       | *     |
| TRME1    | 810053-001 | 289856-001 | TR Management Engine                                | *     |

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### Network Management

| Legacy #   | Option     | Spare      | Description                                          | Notes    |
|------------|------------|------------|------------------------------------------------------|----------|
| HV22       | 810204-001 | 289861-001 | HubView v2.2, Windows Based SNMP Manager             | Software |
| HV-U       | 810205-001 | 289862-001 | HubView v2.2 Upgrade                                 | Software |
| HVNMS11    | 810112-001 | 289863-001 | HubView for NMS 1.1                                  | Software |
| HVNMS-U    | 810112-002 | 289864-001 | Upgrade from EtherManager, Remote Manager or HubView | *        |
| HVOV10-UX9 | 810113-001 | 289865-001 | HubView for OpenView                                 | Software |

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### NetSwitch Products

| Legacy #       | Option     | Spare      | Description                | Notes |
|----------------|------------|------------|----------------------------|-------|
| NSWBAL         | 810207-001 | 289866-001 | NetSwitch Balance NLM      | *     |
| NSWRED         | 810208-001 | 289867-001 | NetSwitch Redundancy NLM   | *     |
| NSWRO          | 810209-001 | 289868-001 | NetSwitch Rout-Off NLM     | *     |
| NSWFLOW        | 810140-003 | 289869-001 | NetSwitch FLOW (1 Server)  | *     |
| NSWFLO<br>W3PK | 810140-001 | 289869-002 | NetSwitch FLOW (3 Servers) | *     |
| NSWFLO<br>W5PK | 810140-002 | 289869-003 | NetSwitch FLOW (5 Servers) | *     |

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### Transceivers & Accessories

| Legacy #        | Option     | Spare      | Description                                        | Notes         |
|-----------------|------------|------------|----------------------------------------------------|---------------|
| N/A             | 192732-001 | N/A        | AUI to BNC Transceiver                             | Only in black |
| N/A             | 142108-001 | N/A        | AUI to BNC Transceiver (old)                       | Only in black |
| AUI01           | 810219-001 | N/A        | AUI to UTP Transceiver (10Base-5 to 10Base-T)      | Only in black |
| FTP01           | 810102-001 | 289870-001 | 10Base-FL to 10Base-T Transceiver                  | Only in black |
| RKIT01          | 810220-001 | 289871-001 | Rack Mount Kit for CHAS03                          | Only in black |
| RKIT02          | 810221-001 | 289872-001 | Rack Mount Kit for 1000, 2000, 3000, FastStack     | *             |
| WKIT01          | 810222-001 | N/A        | Wall Mount Kit (1 CHAS10, or 2 CHAS06 or 3 CHAS03) | Only in black |
| PAN01           | 810223-001 | N/A        | 1 Slot Blank Faceplate                             | Only in black |
| PAN03           | 810224-001 | N/A        | 3 Slot Blank Faceplate                             | Only in black |
| EBOOT16         | 810225-001 | 289873-001 | 16-BIT Boot Prom for UTP16A, B, and C              | *             |
| EBOOT16-<br>ODI | 810226-001 | 289874-001 | 16-BIT ODI Boot Prom for UTP16B and C              | *             |

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### 10/100Mbps Ethernet Controllers

| Legacy #   | Option     | Spare      | Description                             | Notes |
|------------|------------|------------|-----------------------------------------|-------|
| UTP100I-TX | 810119-001 | 289875-001 | UTP100I-TX 10/100Base-TX ISA Controller | *     |
| UTP100E    | 810098-001 | OEM        | UTP100E 10/TX EISA Controller           | *     |
| UTP100P    | 810099-003 | OEM        | UTP100P 10/TX PCI Controller            | *     |

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### 10Mbps Ethernet Controllers

| Legacy #   | Option     | Spare       | Description                                                        | Notes |
|------------|------------|-------------|--------------------------------------------------------------------|-------|
| UTP16C     | 810007-007 | Replaced by | UTP16C 10 T ISA, 16 BIT, RJ45 only Controller                      | *     |
| UTP16B     | 810073-002 | 289876-001  | UTP16B 10 T ISA, 16 BIT, RJ45 & AUI Controller                     | *     |
| UTPPS2A    | 810210-001 | 289877-001  | UTPPS2A 10 T MC, 16 BIT, RJ45 & AUI Controller                     | *     |
| UTP32B     | 810212-001 | Replaced by | UTP32B 10 T EISA, 32 BIT Bus Mastered, RJ45 & AUI                  | *     |
| UTP4PCI    | 810083-001 | OEM         | UTP4PCI 10 T PCI, 4 Port Controller                                | *     |
| UTP4PCINLM | 810083-002 | OEM         | UTP4PCINLM 10 T PCI, 4 Port Controller/Switch NLM Bundle (3 NLM's) | *     |

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### 100Mbps FDDI Controllers

| Legacy # | Option     | Spare      | Description                                        |
|----------|------------|------------|----------------------------------------------------|
| F100E-FS | 810215-001 | 289886-001 | EISA Single-Attach FDDI Server Controller          |
| F100E-FD | 810216-001 | 289887-001 | EISA Dual-Attach FDDI Server Controller            |
| F100E-US | 810217-001 | 289888-001 | EISA Single-Attach FDDI over UTP Server Controller |
| F100E-UD | 810218-001 | 289889-001 | EISA Dual-Attach FDDI over UTP Server Controller   |

### Series 1000 Workgroup Products

| Legacy #  | Option     | Spare      | Description                                             |
|-----------|------------|------------|---------------------------------------------------------|
| MHUB08    | 810008-001 | 289857-001 | MicroHub Lite/8 RJ-45 Connectors                        |
| MHUB09    | 810075-001 | 289858-001 | MicroHub/9 RJ-45 Connectors                             |
| MHUB09-B  | 810076-001 | 289859-001 | MicroHub/8 RJ-45 Connectors/1 BNC                       |
| MHUB09-BI | 810077-001 | 289859-B21 | MicroHub/8 RJ-45 Connectors/1 BNC w/ Int'l Power Supply |
| MHUB09-I  | 810078-001 | 289858-B21 | MicroHub/9 RJ-45 Connectors w/ Int'l Power Supply       |

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## Options

### Netware Application Engine

| Legacy # | Option     | Spare      | Description                                      |
|----------|------------|------------|--------------------------------------------------|
| NAE1     | 810238-001 | 289878-001 | NAE with NetWare Runtime                         |
| NAE2     | 810238-002 | 290098-001 | Series 4000 10BASE-TX NetWare Application Engine |

### Internetworking Products

| Legacy #   | Option     | Spare      | Description                                                  |
|------------|------------|------------|--------------------------------------------------------------|
| RPRA-IP    | 810038-001 | 289879-001 | Remote PowerRouter, DB9, Asynchronous, IP Protocol Software  |
| RPRA-IPX   | 810037-001 | 289880-001 | Remote PowerRouter, DB9, Asynchronous, IPX Protocol Software |
| RPRA-MP    | 810066-001 | 289881-001 | MultiProtocol Software, Asynchronous for IP and IPX          |
| RPRC-V3510 | 810063-001 | 289882-001 | Remote PowerRouter Cable Conversion 10ft                     |
| RPRS-IP    | 810036-001 | 289883-001 | Remote PowerRouter, DB50 Serial, IP Protocol Software        |
| RPRS-IPX   | 810035-001 | 289884-001 | Remote PowerRouter, DB50 Serial, IPX Protocol Software       |
| RPRS-MP    | 810065-001 | 289885-001 | MultiProtocol Software, Synchronous for IP and IPX           |