

June, 1997

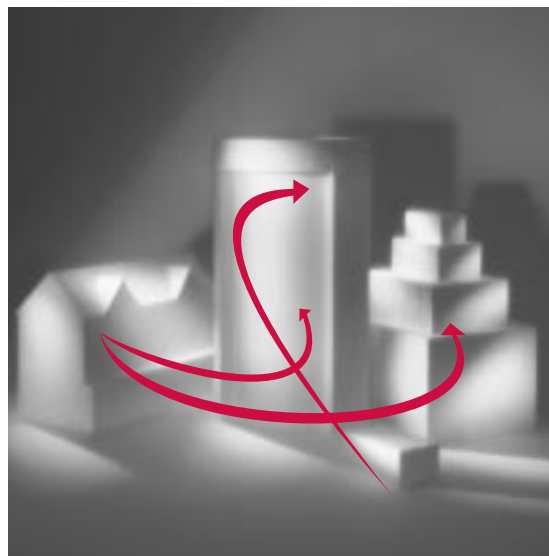
Compaq Computer Corporation
Communications Products Group

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C O M P A Q N E T E L L I G E N T

P R O D U C T G U I D E



COMPAQ
NETELLIGENT

NETELLIGENT PRODUCT OVERVIEW

TECHNOLOGY	HUBS			SWITCHES
	(WORK GROUP) Netelligent 1000	(STACKABLE) Netelligent 2000	(STACKABLE/SEGMENTABLE) Netelligent 3000	(DEPARTMENTAL) Netelligent 5000
10Base-T	1005, 1009B, 1017A/B	2008, 2016, 2116	3024/3124	5000, 5006, 5012, 5226
Dual Speed	1224	2724/2824		5708 (TX)
100Base-T	1108, 1124	2524/2624	3512/3612	5606 (TX & FX)

NETWORK INTERFACE CONTROLLERS				
TECHNOLOGY	BUS TYPE			
	ISA	EISA	PCI	PC CARD
10Base-2	10 T/2 ISA UTP/Coax	NetFlex-3/E*	NetFlex-3/P* 10 T/2 PCI UTP/Coax	10 2 PC Card UTP
10Base-T	10 T ISA UTP, 10 T/2 ISA UTP/Coax	NetFlex-3/E*	10 T PCI UTP 10 T/2 PCI UTP/Coax	10 T PC Card UTP
100Base-TX		NetFlex-3/E* <i>TX upgrade module</i>	10/100 TX PCI UTP, Dual 10/100 TX PCI UTP NetFlex-3/P* <i>TX upgrade module</i>	10/100 TX PC Card UTP 10/100 TX PC Card UTP Upgrade
100Base-FX		NetFlex-3/E* <i>FX upgrade module</i>	NetFlex-3/P* <i>FX upgrade module</i>	
Token Ring	4/16 TR ISA UTP/STP		4/16 TR PCI UTP/STP,	
100 FDDI		100 FDDI EISA DAS Fiber-MIC, 100 FDDI EISA SAS Fiber-MIC, 100 FDDI EISA DAS UTP, 100 FDDI EISA SAS UTP	100 FDDI PCI DAS Fiber-SC, 100 FDDI PCI SAS Fiber-SC, 100 FDDI PCI SAS Fiber-MIC, 100 FDDI PCI DAS UTP 100 FDDI PCI SAS UTP	

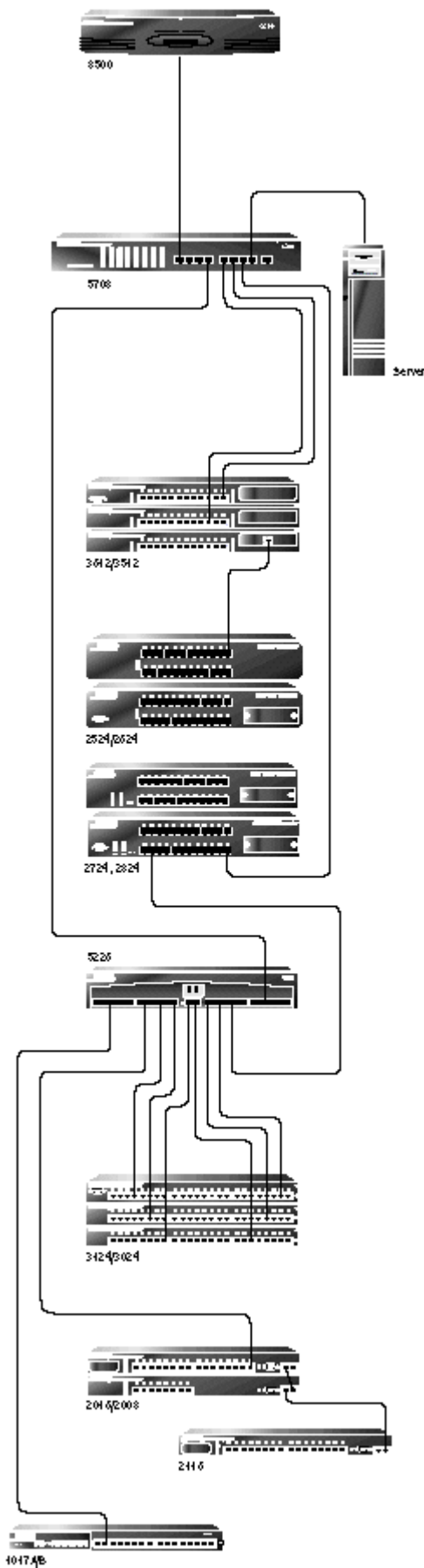
*Compaq NetFlex products are supported in Compaq platforms only

Bold Type indicates new products

EXPERIENCE UNLIMITED
GROWTH WITH COMPAQ
NETELLIGENT

Compaq, the fifth largest computer company in the world and a leading supplier of PCs and servers, offers the Compaq Netelligent networking product line—a broad family of high-performance products targeted for use in branch and remote offices, workgroups, departments and small-to-medium businesses. But more than just offering a new product line, Compaq is delivering a new concept to the marketplace—Fast Access. This means we're connecting people to people and people to information when and where they need it...*fast!* And Compaq Netelligent products are an important link in that solution.

Netelligent products include: a full line of managed and unmanaged scalable, stackable, and segmentable hubs; Ethernet, Fast Ethernet, Token Ring and FDDI controllers; feature-rich Ethernet and Fast Ethernet switches; and the first industry-standard small business router. This comprehensive family of networking solutions sets new standards for performance, value, and ease-of-use in networking environments. The Compaq strategy includes end-to-end solutions that let customers leverage their current network infrastructure while providing smooth migration paths to high-speed networking. That means we're dedicated to providing state-of-the-art products that never sacrifice future performance for current practicality. With Compaq, what looks good today will prove to be a smart decision tomorrow.



Netelligent 10/100 TX PCI UTP Controller

Part No. 169845-001



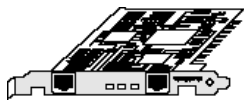
Multi Pack Part Nos.:

6 Pack 242527-001
50 Pack 242528-001

- *Plug & Play installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full duplex support*
- *Supports both 10Mb/s and 100Mb/s and auto-negotiates to the highest possible speed*
- *Compatible with Compaq Advanced Network Fault Detection and Correction feature*
- *Tuned for optimum performance using the TIThunderLAN Adaptive Performance Optimization technology*
- *SNMP agents for use with Compaq Insight Manager*
- *Utilizes the same drivers as the Netelligent 10T PCI UTP, 10T/2 PCI UTP/Coax and the Dual 10/100 TX PCI UTP controllers*

Netelligent Dual 10/100 TX PCI UTP Controller

Part No. 242559-001



- *First high-performance Dual-Port 10/100 TX controller optimized for Pentium Pro server*
- *Plug & Play Installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full Duplex 10Mb/s and 100Mb/s on each port*
- *Each port supports both 10Mb/s and 100Mb/s and auto-negotiates to the highest possible speed*
- *Compatible with Compaq Advanced Network Fault Detection and Correction feature*
- *Tuned for optimum performance using the TIThunderLAN Adaptive Performance Optimization technology*
- *SNMP agents for use with Compaq Insight Manager*
- *Utilizes the same drivers as the Netelligent 10 TX PCI UTP, 10 T/2 PCI UTP/Coax and the 10/100 TX PCI UTP controllers*

Netelligent 10 T PCI UTP Controller

Part No. 242500-001



Multi Pack Part Nos.:

6 Pack 242529-001
50 Pack 242530-001

- *Plug & Play installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full duplex support*
- *Compatible with Compaq Advanced Network Fault Detection and Correction feature*
- *Tuned for optimum performance using the TIThunderLAN Adaptive Performance Optimization technology*
- *SNMP manageable*
- *Utilizes the same drivers as the Netelligent 10 T/2 PCI UTP/Coax, 10/100 TX PCI UTP and Dual 10/100 TX PCI UTP controllers*



Netelligent 10 T/2 PCI UTP/Coax Controller

Part No. 292856-B21



Multi Pack Part Nos.:

6 Pack 292856-B22
50 Pack 292856-B23

- *Plug & Play installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full duplex support*
- *Supports and auto-detects UTP and BNC media*
- *Compatible with Compaq Advanced Network Fault Detection and Correction feature*
- *Tuned for optimum performance using the TIThunderLAN Adaptive Performance Optimization technology*
- *SNMP manageable*
- *Utilizes the same drivers as the Netelligent 10 T PCI UTP, 10/100 TX PCI UTP and Dual 10/100 TX PCI UTP controllers*

Netelligent 10 T ISA UTP Controller

Part No. 265615-001



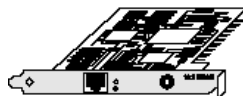
Multi Pack Part Nos.:

6 Pack 265615-002
50 Pack 265615-003

- *Plug & Play installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full duplex support*
- *Boot PROM socket for diskless workstation connections*
- *Supports 10Base-T networks*
- *Driver support for most popular network operating systems*

Netelligent 10 T/2 ISA UTP/Coax Controller

Part No. 265616-001



Multi Pack Part Nos.:

6 Pack 265616-002
50 Pack 265616-003

- *Plug & Play installation*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Full duplex support*
- *Boot PROM socket for diskless workstation connections*
- *Supports both 10Base-T and 10Base2 networks*
- *Driver support for most popular network operating systems*



Netelligent 4/16 TR PCI UTP/STP Controller

Part No. 268009-001



Multi Pack Part Nos.:

6 Pack 268009-002
50 Pack 268009-003

- *Plug & Play installation*
- *Complies with PCI local bus specification 2.0*
- *Utilizes bus-mastering technology to maximize throughput and minimize CPU utilization*
- *Supports and auto-detects STP and UTP media*
- *Driver support for most popular network operating systems*
- *Bracket mounted ring insertion and activity LEDs*
- *256KB RAM buffer prevents data overflow*
- *Scalable Clock Architecture™ manually adjusts on-board clock for optimum performance*
- *Ships with NICStart™, which streamlines installation, configuration and testing*



Netelligent 4/16 TR ISA UTP/STP Controller

Part No. 265435-001

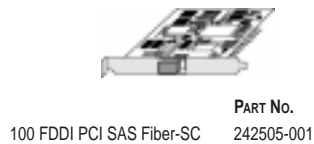
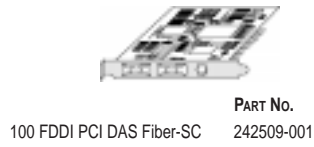


Multi Pack Part Nos.:

6 Pack 265435-002
50 Pack 265435-003

- *Industry's first Plug & Play ISA Token Ring controller*
- *Utilizes bus mastering technology to maximize throughput and minimize CPU utilization*
- *Auto-configures settings for DMA channel, IRQ, and Base I/O address*
- *Supports and auto-detects STP and UTP media*
- *Driver support for most popular network operating systems*
- *Bracket mounted ring insertion and activity LEDs*
- *256KB RAM buffer prevents data overflow*
- *Scalable Clock Architecture™ manually adjusts on-board clock for optimum performance*
- *Ships with NICStart™, which streamlines installation, configuration and testing*

Netelligent 100 FDDI PCI Controllers



- *Plug & Play installation*
- *Utilizes 32-Bit bus-mastering technology and an Integrated Buffer Management Unit for maximum performance*
- *Available in both single-attached station (SAS) and dual-attached station (DAS) modes while supporting both category 5 UTP and fiber optic media*
- *Driver support for most popular network operating systems*
- *Features LEDs for “at-a-glance” troubleshooting*
- *128KB RAM memory buffer prevents data overflow*
- *SNMP agent that ships with the controller provides management support*
- *Available in UTP, Fiber-MIC and Fiber-SC versions*
- *DAS models occupy only 1 PCI slot*
- *Support for Novell NetWare MSL*

Netelligent 100 FDDI EISA Controllers



- *Plug & Play installation*
- *Utilizes 32-Bit bus-slave technology and a custom ASIC DMA engine for maximum performance*
- *Available in both single-attached station (SAS) and dual-attached station (DAS) modes while supporting both category 5 UTP and fiber optic media*
- *Driver support for most popular network operating systems*
- *Features LEDs for “at-a-glance” troubleshooting*
- *128KB RAM memory buffer prevents data overflow*
- *SNMP agent that ships with the controller provides management support*
- *Available in UTP and Fiber-MIC versions*
- *Support for Novell NetWare MSL*



Netelligent 10 T PC Card UTP Controller

Part No. 292806-B21

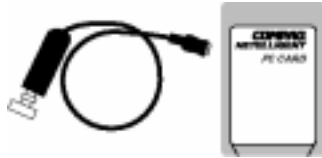


- *Plug & Play installation*
- *Supports 10Base-T network connections*
- *Features full duplex support, offering 20Mb/s bandwidth, allowing simultaneous transmission and reception of data*
- *“Hot-Swappable” with other option cards, enabling the user to simply and efficiently connect a portable PC to the network without bringing the PC down*
- *Driver support for most popular network operating systems*
- *Diagnostic LEDs for hands-free, “at-a-glance” troubleshooting*
- *Integrated power management for reduced power consumption during inactivity*
- *SNMP agent that ships with the controller provides management support*
- *32K RAM packet buffer*
- *Upgradeable to 100Mb/s*



Netelligent 10 2 PC Card Coax Controller

Part No. 292807-B21

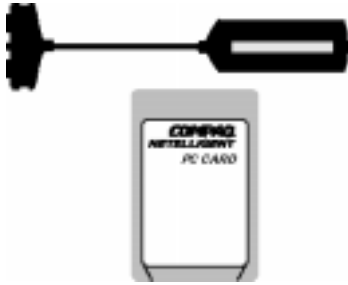


- *Plug & Play installation*
- *Supports 10Base2 network connections*
- *“Hot-Swappable” with other option cards, enabling the user to simply and efficiently connect a portable PC to the network without bringing the PC down*
- *Driver support for most popular network operating systems*
- *Diagnostic LEDs for hands-free, “at-a-glance” troubleshooting*
- *Integrated power management for reduced power consumption during inactivity*
- *SNMP agent that ships with the controller provides management support*
- *32K RAM packet buffer*
- *Upgradeable to 100Mb/s*



Netelligent 10/100 TX PC Card UTP Controller

Part No. 292812-B21



- *Plug & Play installation*
- *Supports both 10Base-T and 100Base-TX network connections*
- *Features full duplex support, in 10Base-T mode, offering 20Mb/s bandwidth, allowing simultaneous transmission and reception of data*
- *“Hot-Swappable” with other option cards, enabling the user to simply and efficiently connect a portable PC to the network without bringing the PC down*
- *Driver support for most popular network operating systems*
- *Diagnostic LEDs for hands-free, “at-a-glance” troubleshooting*
- *Integrated power management for reduced power consumption during inactivity*
- *SNMP agent that ships with the controller provides management support*
- *32K RAM packet buffer*



Netelligent 10/100 TX PC Card UTP Controller Upgrade

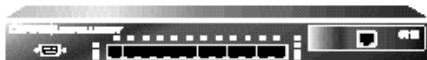
Part No. 292813-B21



- *Plug & Play installation*
- *Installs onto the Netelligent 10Base-T or 10Base2 PC Card Controller for instant migration to Fast Ethernet technology*
- *Supports both 10Base-T and 100Base-TX network connections*
- *No driver changes required*

Netelligent 3612

Part No. 267007-001



OPTIONS

	PART No.
10/100-TX Dual Speed Smart Uplink Module	166450-B21
100Base-FX/ST Full Duplex Smart Uplink Module	166451-B21
10Base-FX/SC Full Duplex Smart Uplink Module	166452-B21
100Base-TX Smart Uplink Module	267045-001
100Base-FX/ST Smart Uplink Module	267042-001
100Base-FX/SC Smart Uplink Module	267043-001
90 Watt Redundant Power Supply Module	267322-001
Backplane Connection Cable	267004-001

- *12-port 100Base-TX Class I Managing Stackable Hub*
- *Stackable up to 5 units, 1 3612 managing unit required to manage the stack*
- *Segmentable from 1 to 3 network segments per stack*
- *Built-in SNMP management with Telnet/VT100 remote management and RMON (Groups 1, 2, 3 and 9)*
- *Modular power supply*
- *Flexible — use of the optional Smart Uplink Module allows interconnection of stacks up to 100 meters (up to 2,000 meters using fiber)*
- *Optional dual-redundant “hot-swappable” power supply*
- *Compaq Netelligent Management Software and Compaq Insight Manager included at no charge*
- *Rack mount kit included*

Netelligent 3512

Part No. 267008-001



OPTIONS

	PART No.
10/100-TX Dual Speed Smart Uplink Module	166450-B21
100Base-FX/ST Full Duplex Smart Uplink Module	166451-B21
10Base-FX/SC Full Duplex Smart Uplink Module	166452-B21
100Base-TX Smart Uplink Module	267045-001
100Base-FX/ST Smart Uplink Module	267042-001
100Base-FX/SC Smart Uplink Module	267043-001
90 Watt Redundant Power Supply Module	267322-001
Backplane Connection Cable	267004-001

- *12-port 100Base-TX Class I Stackable Hub*
- *Stackable up to 5 units, 1 managing unit required to manage the stack*
- *Manageable by a Netelligent 3612*
- *Segmentable from 1 to 3 network segments per stack*
- *Modular power supply*
- *Flexible — use of the optional Smart Uplink Module allows interconnection of stacks up to 100 meters (up to 2,000 meters using fiber)*
- *Optional dual redundant “hot-swappable” power supply*
- *Rack mount kit included*



Netelligent 2824

Part No. 299433-001



OPTIONS

10/100-TX Dual Speed Smart Uplink Module	166450-B21
100Base-FX/ST Full Duplex Smart Uplink Module	166451-B21
10Base-FX/SC Full Duplex Smart Uplink Module	166452-B21
100Base-TX Smart Uplink Module	267045-001
100Base-FX/ST Smart Uplink Module	267042-001
100Base-FX/SC Smart Uplink Module	267043-001
Backplane Connection Cable	283305-001

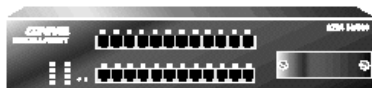
PART No.

- 24-port Dual-Speed Class I Hub
- Industry's first port-level, auto-sensing, dual-speed managing hub that is stackable and segmentable
- 10Mb/s and 100Mb/s on every port — automatically senses the speed of the device connected to each port and auto-negotiates to the appropriate speed
- Built-in SNMP management with Telnet/VT100 remote management and RMON (Groups 1, 2, 3 and 9)
- Internal 10/100 switching unit connects the 10Mb/s and 100Mb/s hubs
- Stackable (management and data) with Netelligent 2524 and 2724 up to 5 units
- Flexible — use of the optional Smart Uplink Module allows interconnection of stacks up to 100 meters (up to 2,000 meters using fiber)
- Segmentable by unit and by 10 or 100Mb/s backplane within a unit
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included



Netelligent 2724

Part No. 299434-001



OPTIONS

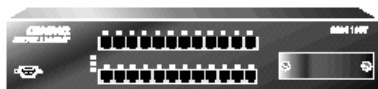
10/100-TX Dual Speed Smart Uplink Module	166450-B21
100Base-FX/ST Full Duplex Smart Uplink Module	166451-B21
10Base-FX/SC Full Duplex Smart Uplink Module	166452-B21
100Base-TX Smart Uplink Module	267045-001
100Base-FX/ST Smart Uplink Module	267042-001
100Base-FX/SC Smart Uplink Module	267043-001
Backplane Connection Cable	283305-001

PART No.

- 24-port Dual-Speed Class I Hub
- Industry's first port-level, auto-sensing, dual-speed manageable hub that is stackable and segmentable
- 10Mb/s and 100Mb/s on every port — automatically senses the speed of the device connected to each port and auto-negotiates to the appropriate speed
- Internal 10/100 switching unit connects the 10Mb/s and 100Mb/s hubs
- Stack up to two 2724 units; up to 5 units using a Netelligent 2824 Managing Hub
- Flexible — use of the optional Smart Uplink Module allows interconnection of stacks up to 100 meters (up to 2,000 meters using fiber)
- Stackable (management and data) with Netelligent 2524 and 2624 Hubs
- Segmentable by unit and by 10 or 100Mb/s backplane within a unit
- Rack mount kit included

Netelligent 2624

Part No. 267000-001



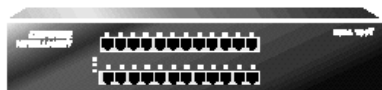
OPTIONS

	PART No.
10/100-TX Dual Speed Smart Uplink Module	166450-B21
100Base-FX/ST Full Duplex Smart Uplink Module	166451-B21
10Base-FX/SC Full Duplex Smart Uplink Module	166452-B21
100Base-TX Smart Uplink Module	267045-001
100Base-FX/ST Smart Uplink Module	267042-001
100Base-FX/SC Smart Uplink Module	267043-001
Backplane Connection Cable	283305-001

- 24-port 100Base-TX, Class I Stackable Hub
- Stackable (management and data) with Netelligent 2524 and 2724 up to 3 units
- Built-in SNMP management with Telnet/VT100 remote management and RMON (Groups 1, 2, 3 and 9)
- 100Mb/s Fast Ethernet connectivity on every port
- Flexible — Allows interconnection of stacks up to 100 meters (up to 2,000 meters using fiber) using optional Smart Uplink™ Modules
- Compaq Netelligent Management Software and Compaq Insight Management included at no charge
- Rack mount kit included

Netelligent 2524

Part No. 267001-001



OPTIONS

	PART No.
Backplane Connection Cable	283305-001

- 24-port 100Base-TX, Class I Stackable Hub
- Manageable by a Netelligent 2624 or 2824
- Stackable up to 3 units, using the 2624 managing hub; up to 5 units using a Netelligent 2824 managing hub
- 100Mb/s Fast Ethernet connectivity on every port
- Flexible — units can be stacked and expanded through additional 2624 with optional Smart Uplink Modules
- Plug & Play operation
- Rack mount kit included

Netelligent 1224

Part No. 267021-001



OPTIONS

	PART No.
90 Watt Redundant Power Supply Module	267322-001

- 24-port Dual Speed Class II Hub
- Industry's First — Each port automatically detects 10Base-T or 100Base-TX operation and connects to either 10Mb/s or 100Mb/s backplane
- Unmanaged
- Uplink ports (10Base-T and 100Base-TX)
- Modular power supply
- Optional dual-redundant "hot-swappable" power supply
- Rack mount kit included

Netelligent 1124

Part No. 267024-001



OPTIONS

	PART No.
90 Watt Redundant Power Supply Module	267322-001

- 24-port 100Base-TX Class II Hub
- Unmanaged
- Uplink port
- Modular power supply
- Optional dual-redundant "hot-swappable" power supply
- Rack mount kit included

Netelligent 1108

Part No. 267022-001

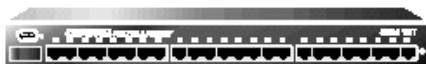


- 8-port 100Base-TX Class II Hub
- Unmanaged
- Uplink port
- Rack mount kit included

NETELLIGENT ETHERNET HUBS

Netelligent 3124

Part No. 267060-001



OPTIONS

	PART No.
AUI Media Expansion Port	267063-001
BNC Media Expansion Port	267064-001
10Base-FL Media Expansion Port	267065-001
Backplane Connection Cable	267052-001

- 24-port 10Base-T Stackable, Segmentable Hub
- Manageable via SNMP
- Netelligent 3024 and 3124 may be intermixed in a stack of up to 5 hubs; only 1 managing unit required to manage the stack
- Up to three 8-port collision domains per unit
- Modular expansion port supports alternative cabling or additional segmentation capabilities (see options)
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

Netelligent 3024

Part No. 267055-001



OPTIONS

	PART No.
AUI Media Expansion Port	267063-001
BNC Media Expansion Port	267064-001
10Base-FL Media Expansion Port	267065-001
Backplane Connection Cable	267052-001

- 24-port 10Base-T Stackable, Segmentable Hub
- Manageable when used in conjunction with Netelligent 3124
- Netelligent 3024 and 3124 may be intermixed in a stack of up to 5 hubs; only 1 managing unit required to manage the stack
- Up to three 8-port collision domains per unit
- Modular expansion port supports alternative cabling or additional segmentation capabilities (see options)
- Rack mount kit included

Netelligent 2116

Part No. 268748-001



- 16-Port 10Base-T Managing Stackable Hub
- Manageable via SNMP, Telnet/VT100 and remote management
- Provides RMON (Groups 1, 2, 3, 9) for entire stack of 2008 and 2016 hubs
- Extended Repeater Architecture bus connects a stack of up to 10 hubs within a range of 250 feet (approx. 76m) with UTP
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

Netelligent 2016

Part No. 267046-001



OPTIONS

OPTION	PART No.
AUI Media Expansion Port	267063-001
BNC Media Expansion Port	267064-001
10Base-FL Media Expansion Port	267065-001

- 16-Port 10Base-T Stackable Hub
- Manageable via SNMP, Telnet/VT100 and remote management
- Modular expansion port supports alternative cabling (see options)
- Extended Repeater Architecture bus connects a stack of up to 10 hubs within a range of 250 feet (approx. 76m) with UTP
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

Netelligent 2008

Part No. 267048-001



- 8-Port 10Base-T Stackable Hub
- Manageable via SNMP, Telnet/VT100 and remote management
- Extended Repeater Architecture bus connects a stack of up to 10 hubs within a range of 250 feet (approx. 76m) with UTP
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included



Netelligent 1017A/B

Part No. 167156-001



Rear view

- 16-port 10Base-T, 1 fixed BNC port, 1 fixed AUI port Unmanaged Hub
- Netelligent 1017A/B 10Base-T unmanaged hubs can be linked together in a simple LAN configuration through the uplink port without configuration software or switches
- The 1017A/B offers Plug and Play capability, and fits into virtually every network scenario—from entry-level installations to network expansion
- Features a BNC and AUI port on the back of the unit for backbone connections to existing 10Base2 or 10Base5 LANs
- At-a-glance basic management through multicolored LEDs for overall status including power, link, collision, port partition and port traffic
- The Network Utilization Monitor provides network status for easy troubleshooting and suggests when to add a hub or segment to the network
- Rack mount kit included



Netelligent 1009B

Part No. 167152-001



- 8-port 10Base-T, 1 fixed BNC Unmanaged Hub with 1 uplink port
- Netelligent 1009B 10Base-T unmanaged hubs can be linked together in a simple LAN configuration through the uplink port without configuration software or switches
- Features a BNC port on the back of the unit for backbone connections to existing 10Base2 LANs
- At-a-glance basic management through multicolored LEDs for overall status including power, link, collision, port partition and port traffic
- The Network Utilization Monitor provides network status for easy troubleshooting and suggests when to add a hub or segment to the network



Netelligent 1005

Part No. 167150-001



- 5-port 10Base-T Unmanaged Hub with 1 uplink port
- Netelligent 1000 10Base-T unmanaged hubs can be linked together in a simple LAN configuration through the uplink port without configuration software or switches
- Connect a 1005 Hub and create “mini-LANs” in areas where individuals have two or more peripheral devices in their private offices
- At-a-glance basic management through multicolored LEDs for overall status including power, link, collision, port partition and port traffic
- The Network Utilization Monitor provides network status for easy troubleshooting and suggests when to add a hub or segment to the network
- Desktop/wall mount is included

NETELLIGENT HUB OPTIONS



10/100TX Dual Speed Smart Uplink Module

Part No. 166450-B21



100Base-FX/ST Full Duplex Smart Uplink Module

Part No. 166451-B21



100Base-FX/SC Full Duplex Smart Uplink Module

Part No. 166452-B21



100Base-TX Smart Uplink Module

Part No. 267045-001



100Base-FX/ST Smart Uplink Module

Part No. 267042-001



100Base-FX/SC Smart Uplink Module

Part No. 267043-001



Smart Uplink Modules increase network diameter beyond normal 100Base-T standard Class I or II specifications. Designed to allow complete “plug and play” drop-in replacement of 100Mb/s technology into existing 10Mb/s networks, Smart Uplink Modules allow for multiple segmented ‘cascaded’ levels between 3512/3612 hubs or stacks, 2624 hubs, 2524/2624 hub stacks or 2724/2824 hubs or stacks.

Fully IEEE 802.3u compliant, Smart Uplink Modules can also be used to connect the Netelligent 2624, 2724, 2824, 3512 and 3612 units to other vendors’ 802.3u-compliant units across distances up to 100 meters (TX) or 2,000 meters (FX). Available only with Compaq Netelligent stackable Fast Ethernet Hubs, Smart Uplink Modules are the ideal solution for expansion and interconnection within Fast Ethernet enterprise environments.

AUI Alternate Media Connector

Part No. 267063-001



BNC Alternate Media Connector

Part No. 267064-001



10Base-FL (Fiber) Alternate Media Connector

Part No. 267065-001



AUI, BNC, and 10Base-FL alternate media connectors are modular expansion ports for optional, additional configurations on the 1016, 2016, 3024 and 3124

90 Watt Redundant Power Supply

Part No. 267322-001



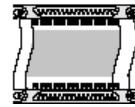
Backplane Connection Cable for use with 3024/3124

Part No. 267052-001



Backplane Connection Cable for use with 3512/3612

P



Backplane Connection Cable for use with 2524/2624, 2724/2824

Part No. 283305-001



NETELLIGENT SWITCHES

NETELLIGENT 5000 FAST ETHERNET SWITCHES



Netelligent 5708

Part No. 167002-001



- 8-port Dual-Speed Switch (8 10Base-T/100Base-TX auto-sensing ports)
- Each port auto-senses 10Mb/s or 100Mb/s and auto-negotiates to the appropriate speed, enabling the connection of both 10Mb/s and 100Mb/s segments to the switch
- Cross-matrix architecture — high-speed ASIC design allows multiple port-to-port sessions, increasing performance. Non-blocking backplane architecture provides high-end performance for workgroup and desktop environments
- 256K of memory buffer capacity per port
- 1.6 Gb/s backplane assures high-speed performance
- Full-duplex support increases the network transfer rate to 20Mb/s on 10Base-T ports and 200Mb/s on 100Base-TX ports
- Store and forward, cut-through, adaptive and fragment-free switching modes
- 802.1d Spanning Tree protocol
- Support for 4,096 MAC addresses
- Manageable via SNMP VT100 (via Telnet and serial port)
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Optional MDI or MDI-X connections made available by selecting the appropriate port

Netelligent 5606 (FX)

Part No. 273851-002



OPTIONS

90 Watt Redundant Power Supply Module

PART No.

267322-001

- 6-port Fast Ethernet Switch (5 TX/RJ-45 ports + 1FX/SC port)
- Software configurable full/half duplex on all ports
- Support for more than 6,000 MAC addresses
- 256K of memory buffer capacity per port
- Full wire speed forwarding
- 802.1d Spanning Tree protocol (perVLAN)
- Optional dual-redundant "hot-swappable" power supply
- Full SNMP management support, VLAN and RMON (Groups 1, 2, 3 and 9)
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

Netelligent 5606 (TX)

Part No. 273850-001



OPTIONS

90 Watt Redundant Power Supply Backup

PART No.

267322-001

- 6-port Fast Ethernet Switch (6 TX/RJ-45 ports)
- Software configurable full/half duplex on all ports
- Support for more than 6,000 MAC addresses
- 256K of memory buffer capacity per port
- Full wire speed forwarding
- 802.1d Spanning Tree protocol (perVLAN)
- Optional dual-redundant "hot-swappable" power supply
- Full SNMP management support, VLAN and RMON (Groups 1, 2, 3 and 9)
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

NETELLIGENT 5000 ETHERNET SWITCHES



Netelligent 5226

Part No. 288900-001



- 26-port Ethernet Switch (24 10Base-T ports + 2 100Base-TX ports)
- High-end performance for workgroup and desktop environments
- Manageable via SNMP, VT100 (via Telnet and serial port)
- 1.15 Gb/s backplane assures high-speed performance
- Full-duplex support increases the network transfer rate up to 20Mb/s on 10Base-T ports and 200Mb/s on 100Base-TX ports
- Store and forward and cut-through forwarding modes
- 802.1d Spanning Tree protocol
- Support for 6,000 MAC addresses
- Advanced management capabilities including VLAN and roving RMON support
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Ideal for workgroup and desktop applications

Netelligent 5000

Part No. 266804-001



OPTIONS

	PART No.
10Base-T Switch Media Expansion Port	266816-001
10Base-FL Switch Media Expansion Port	266815-001
BNC Switch Media Expansion Port	266814-001
AUI Switch Media Expansion Port	266813-001
FDDI (SAS) High-Speed Switch Port	266808-001
FDDI (DAS) High-Speed Switch Port	266806-001
100Base-TX High-Speed Switch Port	266810-001
100Base-FX/SC High-Speed Switch Port	266849-001
90 Watt Redundant Power Supply Module	267322-001

- ▲ 12-port Ethernet Switch (12 modular 10Base-T slots + 1 100Mb/s slot)
- ▲ Manageable via SNMP, VT100 (via Telnet and serial port)
- ▲ 1.2 Gb/s backplane assures high-speed performance on every port
- ▲ Modular expansion ports supports any mix of media/cabling required (see options)
- ▲ Store and forward switching
- ▲ 802.1d Spanning Tree protocol and IP fragmentation
- ▲ Support for over 8,000 MAC addresses
- ▲ Supports FDDI (DAS,SAS), 100Base-TX, and 100Base-FX high-speed uplinks
- ▲ Optional dual-redundant "hot-swappable" power supply
- ▲ Advanced management capabilities including VLAN and roaming RMON support
- ▲ Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- ▲ Rack mount kit included

Netelligent 5012

Part No. 266802-001



OPTIONS

	PART No.
10Base-T Switch Media Expansion Port	266816-001
10Base-FL Switch Media Expansion Port	266815-001
BNC Switch Media Expansion Port	266814-001
AUI Switch Media Expansion Port	266813-001
FDDI (SAS) High-Speed Switch Port	266808-001
FDDI (DAS) High-Speed Switch Port	266806-001
100Base-TX High-Speed Switch Port	266810-001
100Base-FX/SC High-Speed Switch Port	266849-001
90 Watt Redundant Power Supply Module	267322-001

- ▲ 12-port Ethernet Switch (11 fixed 10Base-T ports + 1 modular 10Base-T port+ 1 modular 100Mb/s slot)
- ▲ Manageable via SNMP, VT100 (via Telnet and serial port)
- ▲ 1.2 Gb/s backplane assures high-speed performance on every port
- ▲ Modular expansion port supports alternative cabling (10 Base-T Module included)
- ▲ Store and forward switching
- ▲ 802.1d Spanning Tree protocol and IP fragmentation
- ▲ Support for over 8,000 MAC addresses
- ▲ Supports FDDI (DAS,SAS), 100Base-TX, and 100Base-FX high-speed uplinks
- ▲ Optional dual-redundant "hot-swappable" power supply
- ▲ Advanced management capabilities including VLAN and roaming RMON support
- ▲ Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- ▲ Rack mount kit included

Netelligent 5006 (Fiber)

Part No. 266800-001



OPTIONS	PART No.
10Base-T Switch Media Expansion Port	266816-001
10Base-FL Switch Media Expansion Port	266815-001
BNC Switch Media Expansion Port	266814-001
AUI Switch Media Expansion Port	266813-001
FDDI (SAS) High-Speed Switch Port	266808-001
FDDI (DAS) High-Speed Switch Port	266806-001
100Base-TX High-Speed Switch Port	266810-001
100Base-FX/SC High-Speed Switch Port	266849-001
90 Watt Redundant Power Supply Module	267322-001

- 6-port Ethernet Switch (5-fixed 10Base-FL ports + 1 Modular 10Base-FL port + 1 100Mb/s modular slot)
- Manageable via SNMP, VT100 (via Telnet and serial port)
- 1.2 Gb/s backplane assures high-speed performance on every port
- Modular expansion port supports alternative cabling (10Base-FL Module included)
- Store and forward switching
- 802.1d Spanning Tree protocol and IP fragmentation
- Support for over 8,000 MAC addresses
- Supports FDDI (DAS, SAS), 100Base-TX, and 100Base-FX high-speed uplinks
- Optional dual-redundant "hot-swappable" power supply
- Advanced management capabilities including VLAN and roaming RMON support
- Compaq Netelligent Management Software and Compaq Insight Manager included at no charge
- Rack mount kit included

Netelligent 5006

Part No. 266801-001



OPTIONS	PART No.
10Base-T Switch Media Expansion Port	266816-001
10Base-FL Switch Media Expansion Port	266815-001
BNC Switch Media Expansion Port	266814-001
AUI Switch Media Expansion Port	266813-001
FDDI (SAS) High-Speed Switch Port	266808-001
FDDI (DAS) High-Speed Switch Port	266806-001
100Base-TX High-Speed Switch Port	266810-001
100Base-FX/SC High-Speed Switch Port	266849-001
90 Watt Redundant Power Supply Module	267322-001

- 6-port Ethernet Switch (5-fixed 10Base-T ports + 1 Modular 10Base-T port + 1 100Mb/s modular slot)
- Manageable via SNMP, VT100 (via Telnet and serial port)
- 1.2 Gb/s backplane assures high-speed performance on every port
- Modular expansion port supports alternative cabling (10Base-T Module included)
- Store and forward switching
- 802.1d Spanning Tree protocol and IP fragmentation
- Support for over 8,000 MAC addresses
- Supports FDDI (DAS, SAS), 100Base-TX, and 100Base-FX high-speed uplinks
- Optional dual-redundant "hot-swappable" power supply
- Advanced management capabilities including VLAN and roaming RMON support
- Compaq Netelligent Management Software and Compaq Insight Manager included
- Rack mount kit included

AUI Switch Expansion Port

Part No. 266813-001



BNC Switch Expansion Port

Part No. 266814-001



10Base-T Switch Expansion Port

Part No. 266816-001



10Base-FL Switch Expansion Port

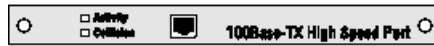
Part No. 266815-001



The Switch Media Expansion Ports for the Netelligent 5000, 5006, 5012 Ethernet switches offer ports for additional media configurations. Available in AUI, BNC, 10Base-T and 10Base-FL.

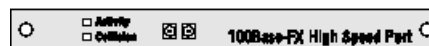
100Base-TX High-Speed Switch Port

Part No. 266810-001



100Base-FX/SC High-Speed Switch Port

Part No. 266849-001



FDDI (SAS) 100 Mb/s High-Speed Switch Port

Part No. 266808-001



FDDI (DAS) 100 Mb/s High-Speed Switch Port

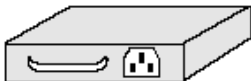
Part No. 266806-001



The Fast Ethernet High-Speed Switch Port offers a migration path from Ethernet to Fast Ethernet environments for the Netelligent 5000, 5006, and 5012 Ethernet Switches. The High-Speed Switch Ports provide 100Mb/s uplinks to other switches, servers or hubs and are offered in FDDI fiber (single and dual attached) and Fast Ethernet (copper and fiber).

90 Watt Redundant Power Supply

Part No. 267322-001



(not for use with 5226)

Netelligent 8500 Communications Platform

Part No. 228600-001	Model 1 (Ethernet Only)
Part No. 228600-002	Model W (Ethernet & 2 WAN ports)
Part No. 228600-003	Model I (Ethernet & ISDN)



Rear view

OPTIONS

	PART No.
10 T PCI UTP Controller	242500-001
10/100 TX PCI UTP Controller	169845-001
10/100 TX UTP Module	169804-001
100Base-FX PCI Module	267657-001
ISDN BRI PCI S/T Controller	228666-001
T1/E1 Dual Port Serial PCI Controller	228665-001
High-Speed Compression Module	228668-001
256K 2nd Level Cache Memory	175489-001
DTE Cable Kit	228672-001
6 MB PC Card	228667-001

- *Routing technology for IP, IPX, bridging, frame relay, PPP, and X.25*
- *Industry-standard X86/PCI system architecture, DRAM and Gigabit PCI backplane*
- *Supports up to 3 PCI Boards supporting up to 4 LANs or 6 WANs simultaneously*
- *Optional 256K 2nd level cache for added performance*
- *Embedded 10Base-T/10Base2 controller*
- *Optional 100 TX and 100 FX modules make automatic migration from 10Mb/s to 100Mb/s possible*
- *Easy access service tray for upgrading*
- *Optional ISDN BRI PCI S/T controller (Model I) provides connection to ISDN switched services with access speeds up to 128 Kb/s with both B channels*
- *Optional T1/E1 Dual Port Serial PCI Controller (Model W) provides multiple connections for most preferred WAN services (frame relay, PPP and X.25)*
- *Uses off-the-shelf 10Base-T and 10/100 TX PCI LAN options*
- *Optional data compression module for up to 4:1 based on Stacker LZS™ technology*
- *Primary and optional redundant PC Card Flash*
- *IP Firewall capability for secure Internet connections*
- *Compaq Netelligent Management Software and Compaq Insight Manager included*
- *Rack mount kit included*

Compaq Netelligent Management Software



- *Included at no charge with all manageable Compaq Netelligent hubs, switches and routers*
- *Provides fault, performance and configuration management*
- *Hierarchical mapping enables the user to easily create maps by geographic sites, floors, and physical or logical subnets as desired; automatically creates links between sites as devices are connected across multiple submaps*
- *Topology mapping made easy—simply drag a device icon on the map and connect it to the appropriate device*
- *Device auto-discovery automatically locates all Netelligent devices on the network and places them in a window allowing quick and easy placement on a topology map*
- *Real-time graphing tools allow a choice of line, bar or area graphs to chart bandwidth utilization*
- *Integrated SNMP trap manager and health polling allow users to proactively monitor the network*
- *Adjustable threshold settings help alert user to unusual network conditions*
- *MIB browser facilitates management of third-party devices*
- *Used in conjunction with Compaq Insight Manager, Compaq Netelligent Management Software provides management of servers, desktops and networking devices from a single platform*
- *Can be downloaded from the Compaq ftp site*

Support Made Easy.

Compaq is not just your single source for end-to-end network solutions, but also your single source for any service and support questions. So you don't have to call one company then another, searching for solutions. You simply call Compaq support for any product question, at any time, on any day, and from anywhere around the globe. It's just another way we're making networking easier for you.

Compaq Throughout.

When you have our products working across our distributed enterprise, you know they have been completely tested across multiple servers and platforms, and completely integrated by Compaq. A proven, seamless solution means you spend less time trying to piece networking components together, which means networking is a lot faster and simpler overall.

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Italy 02-57-59-03-00

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