



What's New in NCDE7.40 Networking Software

NCDE (Network Controller Drivers Ethernet) 7.40 (September, 2003)

This release of NCDE contains the new and updated software/firmware for Ethernet networking adapters used in ProLiant servers. These drivers and utilities will also be supported in SmartStart 7.00 (November, 2003).

The benefits are listed by OS in the table on this page, and the driver files, version numbers, and component packages appear in the cross-reference tables on the following page. Softpaq numbers for all these components are included at the end of this notice.

Highlights at a glance:

- Fully certified drivers for Microsoft Windows Server 2003 Operating System
- Support for three new PCI-X Gigabit server adapters:
 - NC6170 dual port PCI-X 1000SX Gigabit Server Adapter for fiber environments
 - NC7170 dual port PCI-X 1000T Gigabit Server Adapter for copper environments
 - NC7771 PCI-X Gigabit Server Adapter (single port)
- Support for NetWare 6.5
- Updated drivers for all major operating systems and diagnostics
- All software, firmware, agents, and utilities are now HP-branded

New Features and Benefits, by Operating System

Operating System	Customer Benefit
Windows Server 2003	<ul style="list-style-type: none">• All shipping NC-series adapters now supported with certified drivers• Large Send Offload (LSO) support
Windows 2000	<ul style="list-style-type: none">• All shipping NC-series adapters now supported with certified drivers• Large Send Offload (LSO) support
Linux (all distributions)	<ul style="list-style-type: none">• Updated drivers
NetWare 6.5	<ul style="list-style-type: none">• New support and updated drivers
DOS NDIS 2 Drivers	<ul style="list-style-type: none">• Updated diagnostics

Drivers, Versions, and Component Packages

Windows support

Operating System	NC31xx NICs	NC61xx/71xx NICs	NC67xx/77xx NICs	Teaming
Windows 2003	n100325.sys ⁽¹⁾	n1000325.sys ⁽¹⁾	q57xp32.sys ⁽¹⁾	cpqteam.sys ⁽¹⁾
Version	6.6.8.6 B	6.6.4.43 B	6.64.0.0	7.40.0.0
Component Pack	CP003592	CP003593	CP003594	CP003591
Windows 2000	n100nt5.sys ⁽²⁾	n1000nt5.sys ⁽¹⁾	q57w2k.sys ⁽¹⁾	cpqteam.sys ⁽¹⁾
Version	6.4.14.51 B	6.6.4.43 B	6.64.0.0	7.40.0.0
Component Pack	CP003588	CP003589	CP003590	CP003587
NT4	n100nt.sys ⁽³⁾	n1000nt.sys ⁽³⁾	q57nt4.sys ⁽³⁾	cpqntac.sys ⁽³⁾
Version	7.30.730.0	7.30.730.0	7.30.730.0	7.30.730.0
Component Pack	CP003135	CP003135	CP003135	CP003135

Linux support

Operating System	NC31xx NICs	NC61xx/71xx NICs	NC67xx/77xx NICs	Teaming
All distributions	e100 ⁽³⁾	e1000 ⁽³⁾	bcm5700 ⁽³⁾	Bonding-1.0.3-
Version	e100-2.2.21b-1.SRC.RPM	e1000-5.0.43a-1.SRC.RPM	bcm5700-6.2.11a-1.SRC.RPM	12HP.SRC.RPM ⁽³⁾
802.1Q VLAN	VLAN-1.8.0-9.SRC.RPM for all NC-series server adapters ⁽³⁾			

NetWare support

Operating System	NC31xx NICs	NC61xx/71xx NICs	NC67xx/77xx NICs	Teaming
NetWare 5.1 & 6.x	n100.lan ⁽¹⁾	n1000.lan ⁽¹⁾		cpqans.lan ⁽¹⁾
Version	7.03 B	6.79 E		6.17
Softpaq	SP24881	SP24881		SP24881
NetWare 5.1 & 6.x			Q57.lan ⁽¹⁾	qasp.lan ⁽¹⁾
Version			6.05	2.22
Softpaq			SP24881	SP24881

DOS NDIS 2 support

Operating System	NC31xx NICs	NC61xx/71xx NICs	NC67xx/77xx NICs
DOS NDIS 2	n100.dos ⁽³⁾	n1000.dos ⁽³⁾	q57.dos ⁽³⁾
Softpaq	SP24882	SP24882	SP24882

KEY to changes from NCDE7.20, in SmartStart 6.30 (April, 2003)

A series of four 'Keys' are used above in the cross-reference tables. These are defined as:

- (1) Update recommended. Example: major new software or hardware (Server or NIC) enhancements and/or operational defects corrected.
- (2) Update suggested. Example: operational defects corrected.
- (3) Update available. Example: minor enhancements.
- (4) No update from previous NCDE release.

Softpaqs

- An “all-inclusive” softpaq containing all drivers for Windows, Linux, and NetWare, plus the DOS NDIS drivers, utilities, and documentation are found in Softpaq SP24880, titled “HP ProLiant Network Server Adapters and Upgrade Modules Software and Documentation Version 7.40 Rev. A” (dated August 8, 2003) at [SP24880.exe](#)