

SmartStart 7.80 New Product Support

New Server Products

Server Models	Description
» HP ProLiant BL25p G2 Server Blade	The HP ProLiant BL25p G2 server blade is engineered for high performance environments requiring enterprise manageability and availability in a power-efficient, 2P design. The BL25p G2 features next-generation AMD Opteron™ 2000 Series processors in both standard and low power configurations, up to 32 GB of ECC 667MHz DDR2 memory, up to 4 multifunction gigabit NICs, optional dual port fibre channel adapter (2Gb) support, and your choice of up to 2 hot plug SAS or SATA small form factor hard disk drives.
» HP ProLiant BL45p G2 Server Blade	The new HP ProLiant BL45p Generation 2 server blade is engineered for high performance environments requiring enterprise manageability and availability with maximum 4P expansion. The ProLiant BL45p G2 features AMD Opteron™ 8000 Series processors and supports up to 64 GB of PC2-5300 Registered DDR2 (667 MHz) memory, up to eight Gigabit NICs, up to two optional dual port Fibre Channel adapters (2 Gb), and your choice of up to two hot plug small form factor (SFF) serial attached SCSI (SAS) or serial ATA (SATA) hard disk drives.
» HP ProLiant BL465c Server Blade	The new HP ProLiant BL465c server blade provides enterprise-class features for high performance and reliability without compromising density. Up to two AMD Opteron 2000 Series processors with AMD Virtualization™ technology to improve performance in a virtual environment. Supports up to 32GB of ECC 667MHz DDR2 Registered DIMMs; with memory interleaving capability; 2 mezzanine expansion slots and HP Smart Array E200i with 64MB read cache with optional battery backed-write cache.
» HP ProLiant BL685c Server Blade	The all-new HP ProLiant BL685c server blade, delivers no-compromise performance and expansion in the most dense 4P server blade available. With up to four AMD Opteron™ 8000 Series processors, 64GB of DDR2 memory, two hot plug Serial Attached SCSI (SAS) or Serial ATA (SATA) hard drives, four embedded Gigabit NICs and three I/O expansion slots, the HP ProLiant BL685c delivers the density you want with the performance you need to handle the most demanding enterprise class applications.
» HP ProLiant DL365 Server	Introducing the powerful HP ProLiant DL365, combining powerful Opteron processing power with Serial Attached SCSI (SAS), PCI-Express, and robust remote management capability for the most complete ultra dense server platform.

New Product Options

Option	Description
» HP SC44Ge Host Bus	The HP SC44Ge Host Bus Adapter is a SAS-based PCI Express Host Bus Adapter with a 1x4 internal and 1x4

Adapter external connector.

- » [HP Smart Array E500 Controller](#) The HP Smart Array E500 is HP's entry level, external connect PCI Express (PCIe) Serial Attached SCSI (SAS) RAID controller. The controller offers RAID 0, 1 and 0+1 and can be upgraded with the Battery-Backed Write Cache (BBWC) module for RAID 5. This Smart Array is ideal for customers who need a low cost, external connect for HP ProLiant servers to tape, and Modular Storage Arrays (MSA).

New Operating System Support

Operating System

- » Windows Server 2003 R2 Data Center Edition x86/64 on selected platforms (BL45p G1/G2; BL685c G1; DL380 G4/G5; DL580 G3/G4; DL585 G1/G2; ML570 G3/G4)
- » Red Hat Enterprise Linux 5 for x86 & AMD64 and Intel EM64T
- » Microsoft Longhorn Beta OS – beta PSP for web release only

New Drivers and Utilities

Updated Drivers and Support Software

Software

Version

- | | |
|---|------------------------|
| » ProLiant Support Pack for Microsoft Windows Server 2003 x64 Editions | » 7.80 |
| » ProLiant Support Pack for Microsoft Windows Server 2003 | » 7.80 |
| » ProLiant Support Pack for Microsoft Windows Server 2003 R2 Data Center Edition x86/64 | » 7.80 |
| » ProLiant Support Pack for Novell NetWare | » 7.80 |
| » ProLiant Support Pack for Red Hat Enterprise Linux 3 | » 7.80 |
| » ProLiant Support Pack for Red Hat Enterprise Linux 4 | » 7.80 |
| » ProLiant Support Pack for Red Hat Enterprise Linux 5 | » 7.80 |
| » ProLiant Support Pack for SUSE LINUX Enterprise Server 9 | » 7.80 |
| » ProLiant Support Pack for SUSE LINUX Enterprise Server 10 | » 7.80 |

ProLiant Server Product ROM Families

- » [ROM Upgrade Utility Components](#)

Smart Components for ROM Flash provide a simple, cost effective way to remotely upgrade server and option firmware. These new components allow customers to perform system and Option ROM updates from a remote system with no physical presence at the server.

» [System ROM Family Table](#)

This link provides the BIOS/firmware family code for your system. Visit this link if you have systems that require a BIOS/firmware update.

» [Select the ProLiant System ROM Family and Version for your system.](#)

This link provides information to help you correctly identify your system ROM. From here you can select the correct ROMPaq software to upgrade your system successfully.

SmartStart 7.80 Customer Advisory List and Release Notes

» [Known Important Product Issues on SmartStart](#)

» [SmartStart 7.80 Release Notes](#)