SmartStart 8.20 New Product Support

New Server Products

Server Models	Description
»HP ProLiant BL280c G6 Server Blade	The BL280c G6 Server Blade provides significant power savings for constrained cluster environments while supporting the newest, highest performing technology for compute intensive workloads.
»HP ProLiant BL460c G6 Server Blade	The HP ProLiant BL460c G6 Server Blade provides leading performance and expandability, industry-leading management tools and the latest energy efficient technologies for dense compute environments.
»HP ProLiant BL490c G6 Server Blade	Achieve high levels of virtual machine performance while reducing your data center footprint and lowering your cost per virtual machine with the HP ProLiant BL490c G6 Virtualization Blade.
»HP ProLiant BL685c G6 Server Blade	With a large memory footprint and more I/O capacity, the BL685c G6 delivers outstanding performance for virtualization applications.
»HP ProLiant DL320 G6 Server Blade	The DL320 G6 Server provides density, efficiency and performance in a low cost, enterprise class rack server.
»HP ProLiant DL360 G6 Server	Combining concentrated 1U compute power, integrated Lights-Out management, and essential fault tolerance, the HP ProLiant DL360 G6 is optimized for space constrained data center installations.
»HP ProLiant DL/ML370 G6 Server	The new HP ProLiant DL3701 G6 has been redesigned for full rack optimization and provides dual-processor computer power in a 4U chassis while the HP ProLiant M370 G6 provides a convenient, expandable tower chassis designed for businesses who want to deploy enterprise class features and performance with consistent SW images on both their datacenters as well as their remote sites.

»HP ProLiant DL380 G6 Server	The HP ProLiant DL380 G6 extends it history of design excellence with enterprise-class uptime and manageability, proven 2-socket Intel® Xeon® performance, and 2U density for a variety of rack deployments and applications.
»HP ProLiant ML350 G6 Server	With the latest technology, the HP ProLiant ML350 G6 tower server offers enterprises reliability and expandability at an affordable price.

New Product Options

Option	Description
»HP NC112T PCI Express Gigabit Server Adapter	The newest low-cost entry level Gigabit adapter is the latest in the long tradition of exceptional networking options for HP's best-in-class ProLiant servers. The HP NC112T is compabible with all the PCI Express based ProLiant ML and DL G6 servers and a few ML/DL G5 servers as well.
»HP NC522SFP Dual Port 10GbE Server Adapter	The HP NC522SFP improves business results by delivering the utmost in networking bandwidth to ProLiant servers. This high performance adapter combines the latest 10 Gigabit silcon and dual ports and connectivity to both copper or fiber optic networks.
»HP NC524 SFP Dual Port 10 GbE Module	The HP NC524SFP offers a cost-effective upgrade to 10 Gigabit networking on the ML/DL370 G6. This high performance upgrade module combines the latest 10 Gigabit silicon and dual ports with connectivity to both copper or fiber optic networks.
»HP Smart Array P212 Controller	The HP Smart Array P212 is HP's entry level 3Gb SAS (6 Gb capable)/1.5Gb SATA (3Gb SATA capable) PCI Express (PCIe) Serial Attached SCSI (SAS) RAID controller. The Low Profile, Half Height card has 8 ports and utilizes DDR2-266 memory. The P212 is ideal for RAID 0/1, 1+0 and can be upgraded with the 256MB battery-backed write cache (BBWC) module for RAID 5, 5+0.
» HP Smart Array P410 Controller	The HP Smart Array P410 is HP's 3Gb SAS (6 Gb capable)/1.5Gb SATA (3Gb SATA capable) PCI Express 2.0 (PCIe) Serial Attached SCSI (SAS) RAID controller. The low profile, half height card has 8 ports and utilizes DDR2-266 memory. The P410 is ideal for RAID 0/1, 5 and can be upgraded with the 512MB

	battery-backed write cache (BBWC) module and Smart Array Advanced via license key for RAID 6 &, 6 +0.
» HP Smart Array P411 Controller	The HP Smart Array P411 is HP's 3Gb SAS (6 Gb capable)/1.5Gb SATA (3Gb SATA capable) PCI Express 2.0 (PCIe) Serial Attached SCSI (SAS) RAID controller. The low profile, half height card has 8 ports and utilizes DDR2-266 memory. The P411 is ideal for RAID 0/1, 5 and can be upgraded with the 512MB battery-backed write cache (BBWC) module and Smart Array Advanced via license key for RAID 6 &, 6 +0.
» HP Smart Array P700m Controller	The new HP Smart Array P700m Controller is HP's first mezzanine card that supports direct attach and shared SAS Storage. It is one of the highest performing controllers in the SAS portfolio and provides new levels of reliability for HP Blade servers, through its support of the latest SCSI technology and advanced RAID capabilities. The P700m/512 controller ships standard with RAID 6 (ADG) and Battery Backed Write Cache.

Operating System

» Red Hat Enterprise Linux 5.3 (x86 and AMD64/EM64T)

New Drivers and Utilities

» New Drivers for Windows® ProLiant Support Pack (PSPs) 8.20
- HP NC-Series Intel N1Q driver for Windows
- HP NC-Series NetXen nx3 Multifunction driver for Windows
- QLogic iSCSI HBA STOR Miniport driver for Windows
- HP Smart Array B110i Embedded SATA RAID Controller for Windows

» New Drivers for Linux ProLiant Support Pack (LSP) 8.20
- HP NC-Series Intel e1000e driver for Linux
- QLogic iSCSI driver for Linux
- HP NC-Series Intel igb driver Linux
- HP Smart Array B110i Embedded SATA RAID Controller for Linux

Updated Drivers and Support Software

Software	Version
» ProLiant Support Pack for Microsoft Windows Server 2003 x64 Editions	» 8.20
» ProLiant Support Pack for Microsoft Windows Server 2003	» 8.20
» ProLiant Support Pack for Microsoft Windows Server 2008 W32	» 8.20
» ProLiant Support Pack for Microsoft Windows Server 2008 x64	» 8.20
» ProLiant Support Pack for Red Hat Enterprise Linux 4	» 8.20
» ProLiant Support Pack for Red Hat Enterprise Linux 5	» 8.20
» ProLiant Support Pack for SUSE LINUX Enterprise Server 9	» 8.20
» ProLiant Support Pack for SUSE LINUX Enterprise Server 10	» 8.20

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 8.20 Customer Advisory List and Release Notes

» Known Important Product Issues on SmartStart

» SmartStart Release Notes