
Compaq ProLiant[®] ML530 Server Overview

Overview of the ProLiant[®] ML530 933-MHz Server

The ProLiant ML530 933-MHz server is available with the Pentium III processor. This server includes all the features of the 800- and 866 MHz servers.

The 800- and 866 MHz servers can be upgraded to a ProLiant ML530 933-MHz server.

Table 1 identifies the 933-MHz server.

Table 1: Part Numbers and Configuration Codes for the ProLiant ML530 933-MHz Server

Server Description	Part Number	Configuration Code
ProLiant ML530 933/133 (tower)	161156-xxx	FPR1
ProLiant ML530 933/133 (rack)	161158-xxx	FPS1

Distinctive Features of the Upgraded ProLiant ML530 Server

The new model brings the following changes to the ProLiant ML530 Pentium III line:

- 933-MHz processor with 256KB integrated Level 2 cache
- An updated ROMpaq image dated 12/21/99 or later, accessible from the Compaq website: <http://www.compaq.com/servers/support>

Switch Settings

It is not necessary to modify internal switch settings when implementing the 933-MHz server, either as an optional upgrade or as a newly procured system.

Upgrade Path to the ProLiant ML530 933-MHz Server

The Pentium III 933-MHz Processor Option Kit is supported on the 800- and 866-MHz servers, allowing customers an easy upgrade path.



Note

When upgrading to a 933-MHz system, you do not have to change the System I/O Board; however, you must run ROMPaq to upgrade the ROM.

Upgrade Options

Table 2 lists the upgrade option kits and spares kits for the 933-MHz processor. Refer to TechInfo for a complete list of options and part numbers.

Table 2: Options and Spare Part Numbers for the 933-MHz Processor Upgrades

Description	Part Number	Option or Spare
Xeon 933-MHz/133-MHz FSB Pentium III 256K Processor Option Kit (Processor and VRM)	174882-B21	Option
Xeon 933-MHz/133-MHz FSB Pentium III 256K Processor Spares Kit	187529-001	Spare

Software Supported

The 933-MHz server supports the same operating systems as the 800-MHz servers.

Service Considerations

The Pentium III Zion 1 processor cannot be down-clocked; therefore, all processors must use the same frequency. Compaq does not support mixing processor frequencies.

During POST, each processor and its initialization frequency is displayed. If POST detects processors of unlike frequency, ROM halts the system.

Important Notes



Important

Class B Regulatory Information—Your server currently complies with the FCC Class B requirements for digital devices. To maintain compliance with Class B regulations, you must install the enclosed material according to the instructions for this upgrade kit. Failure to follow these instructions may void the user's authority to operate the equipment.
