

ProLiant ML370G4 - Memory Configuration

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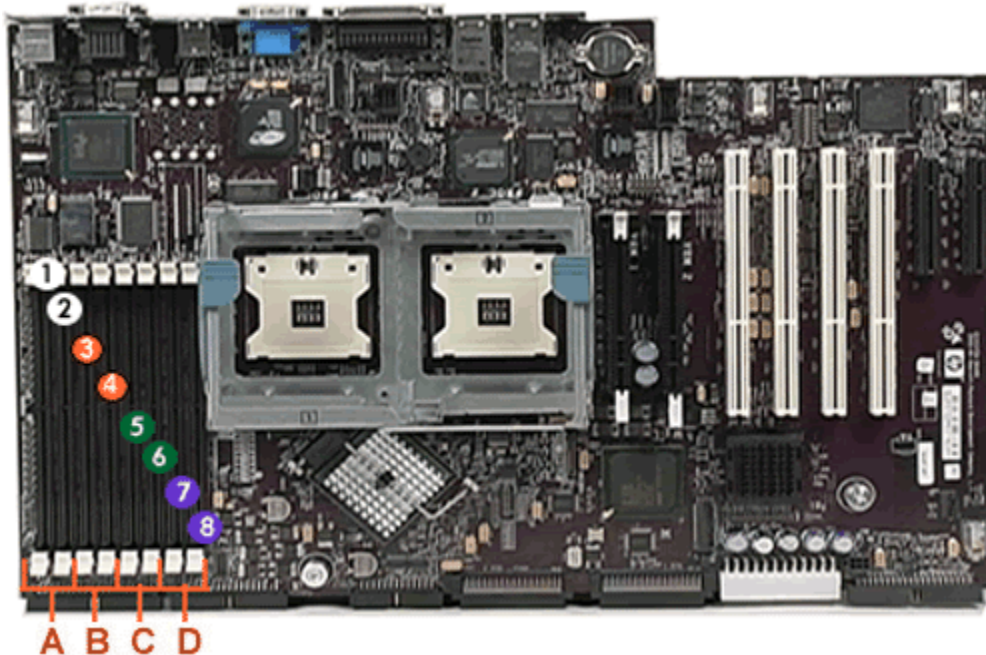
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Memory Configuration

Overview



The ML370 G4 now supports 8 DIMM slots for a total of 4 banks for configuring online spare memory support.

The memory subsystem on the ML370 G4 provides speeds up to 400MHz to transfer data at 6.4GB/s which is twice the 3.2 GB/s speed supported by the ML370 G3. The ML370 G4 supports the latest memory technology, DDR-2.

The original double data rate (DDR) memory doubled the number of data transfers per clock cycle by sending data on both the rising and falling edge of each clock signal. The DDR-2 memory shipped with the ML370 G4 supports double the speed of original PC2100 DDR modules from 200MHz to 400MHz on PC2-3200R modules (shown at right).

Memory is expandable to 8GB with 1GB modules, up to 16GB with 2GM modules.

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Guidelines for installation

The guidelines are the same as for the previous model with the exception of the type of DIMMs supported.

- Install memory in equal identical pairs. A single non-interleaved configuration is not supported.
- Install only PC2-3200 Registered DDR2 DIMMs
- Install DIMMs in both slots within a bank. They must be identical.
- Install additional pairs in the next bank in sequential order.

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Online Spare Memory

		1	2	3	4	5	6	7	8
Standard	1 GB	512 MB	512 MB	Empty	Empty	Empty	Empty	Empty	Empty
Optional	7 GB	512 MB	512 MB	1 GB	1 GB	1 GB	1 GB	1 GB	1 GB
Maximum	16 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB

NOTE: Memory Configuration Chart

This chart does not represent all possible memory configurations.

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