

# intel® Technical Advisory

TA-323-1

5200 NE Elam Young Parkway  
Hillsboro, OR 97124

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## Limited chassis support when using 1 GHz Intel® Pentium® III processors on the L440GX+ server board.

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### Products Affected

LWBBS, BOXL440GXG

### Description

The additional heat dissipated by the 1GHz Intel Pentium III processor (product code BX80526H001256) is allowing for limited server chassis support when used with the L440GX+ server board.

Server chassis tested by Intel that meet the thermal requirements of the processor when installed on the L440GX+ server board include:

Intel® SC5000 5U server chassis  
Intel® SR2000 2U server chassis  
Yeong Yang\* 54AW server chassis

Server chassis tested by Intel that do not meet the thermal requirements of the processor when installed on the L440GX+ server board include:

Intel® Astor2 server chassis  
Intel® Columbus III server chassis  
All but one chassis listed on the L440GX+ 3<sup>rd</sup> party reference chassis list

**Note:** All thermal testing performed by Intel utilized dual processor, multi-DIMM, multi-add-in card, multiple hard disk drive configurations in a stressed processor operating environment.

**Note:** It is the responsibility of the system integrator to validate that their chosen server chassis meets the thermal requirements of the components installed.

### Intel Recommendations

Intel recommends using the following supported server chassis when using the 1 GHz Intel Pentium III processor with an L440GX+ server board.

Intel® SC5000 5U server chassis  
Intel® SR2000 server chassis  
Yeong Yang\* 54AW server chassis

Intel will continue to test for L440GX+ compatible server chassis that meet the thermal requirements of the 1 GHz Pentium III processor. Any additional chassis found will be listed in future updates of the L440GX+ 3<sup>rd</sup> Party Reference Chassis List.

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