

组网及说明

本文档主要说明HPE服务器内存的安装准则和安装方法。

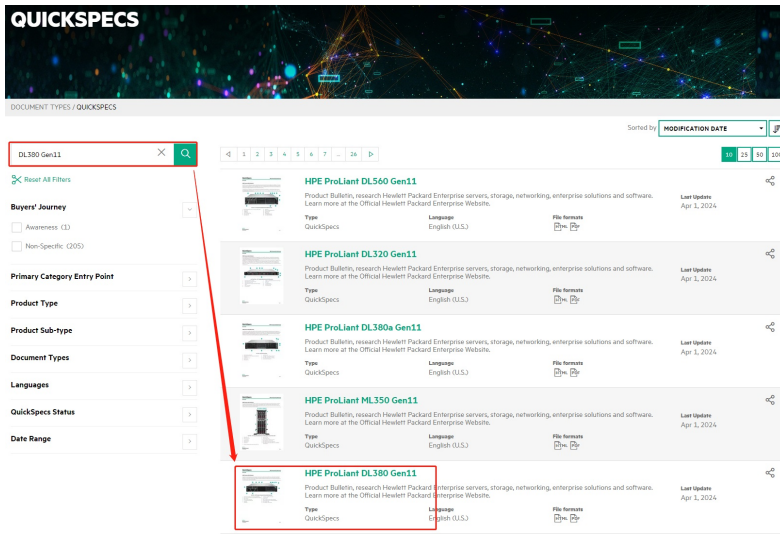
配置步骤

一、 确认内存兼容性

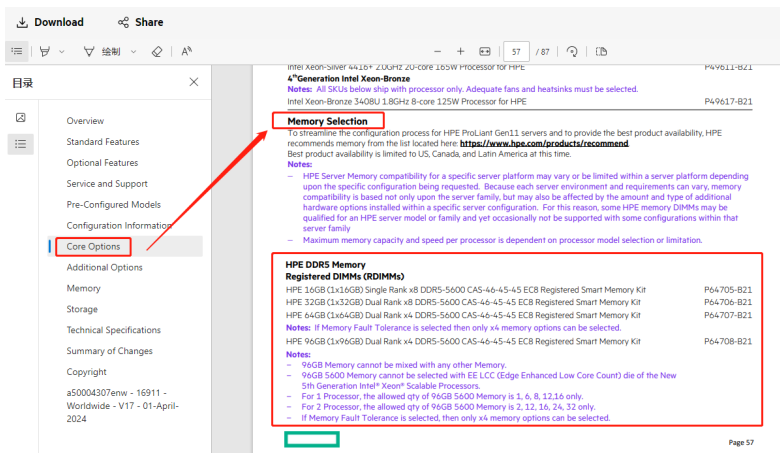
安装到服务器上的内存需是此型号服务器的标准选件，建议不要改动原服务器出厂配置，如果有内存扩容的需求，建议优先购买同型号的HPE内存标准选件，如有购买不同型号内存进行扩容的需求，请购买前优先通过QuickSpecs Online工具进行查询或联系技术支持进行确认。

注：通过QuickSpecs Online工具查询内存兼容性。

- 1、访问QuickSpecs Online，在左侧搜索栏输入要搜索的服务器型号，以DL380 Gen11为例：



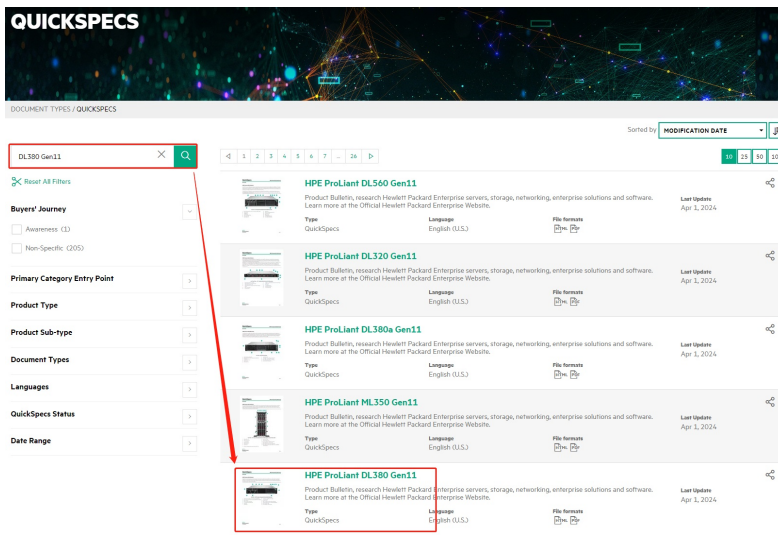
- 2、打开后找到Core Options- Memory Selection，下方可查看所有内存选件，需注意内存选件对于CPU型号和安装配置可能会有一定要求，具体请参考下方的Notes说明。



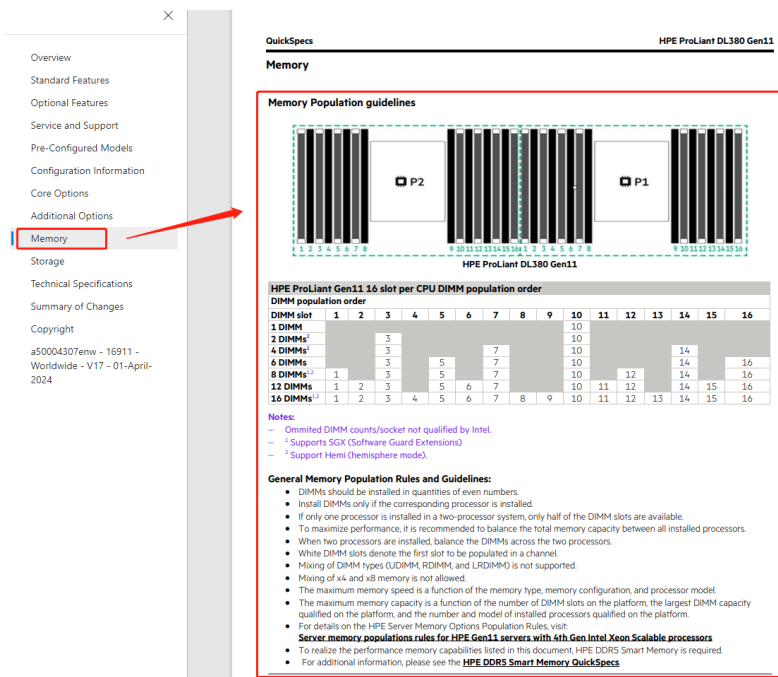
- 3、也可直接使用内存选件号在此文档进行搜索以确认是否是标准选件。

二、 内存安装原则和指导

- 1、 通过QuickSpecs Online工具进行确认。
 - a、 访问QuickSpecs Online，在左侧搜索栏输入要搜索的服务器型号，以DL380 Gen11为例：



b、打开后找到Memory进行查看，下方有内存槽位和内存安装原则的说明。



2、通过内存配置说明进行确认。

- 访问内存技术白皮书首页。
- 找到需要查看的产品系列。

- Intel
- HPE Gen11 Servers
- [Server memory population rules for HPE Gen11 servers with 4th Gen Intel Xeon Scalable processors](#)
 - [Server memory population rules for HPE Gen11 servers with Intel Xeon E-2400 processors](#)
 - [Memory RAS technologies for HPE ProLiant Gen11/Synergy/Blade servers with Intel Xeon Scalable processors](#)

c、可查看关于内存技术的说明

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DIMM slot locations in HPE ProLiant DL360/DL380/ML350/DL560* Gen11 servers

HPE ProLiant DL360, DL380, ML350, and DL560* Gen11 servers have 16 DIMM slots per CPU.

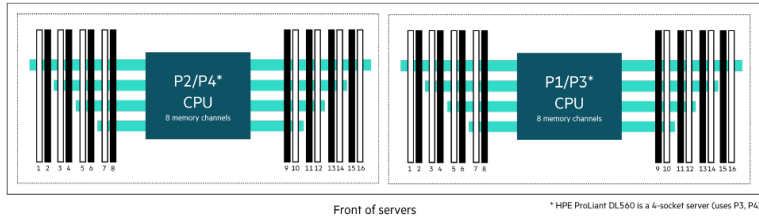


Figure 6. DIMM slot locations in HPE ProLiant DL360/DL380/ML350/DL560 Gen11 servers

e. 可查看内存安装原则说明

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Population guidelines for HPE SmartMemory DIMMs in HPE ProLiant DL360/DL380/ML350/DL560* Gen11 servers

HPE ProLiant DL360/DL380/DL560 Gen11 servers have 16 DIMM slots per CPU.

Table 6. Population guidelines for HPE SmartMemory DIMMs in HPE ProLiant DL360/DL380/DL560* Gen11 servers

| HPE ProLiant DL360/DL380/ML350/DL560 Gen11 servers 16 slots per CPU DIMM population order | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 DIMM | | | | | | | | | | | | | | | | |
| 2 DIMMs ¹ | | 3 | | | | | | | | | | | | | | |
| 4 DIMMs ¹ | | 3 | | | 7 | | | | | 10 | | | 14 | | | |
| 6 DIMMs | | 3 | | 5 | 7 | | | | | 10 | | | 14 | | 16 | |
| 8 DIMMs ^{1,2} | 1 | 3 | | 5 | 7 | | | | | 10 | | 12 | 14 | | 16 | |
| 12 DIMMs | 1 | 2 | 3 | | 5 | 6 | 7 | | | 10 | 11 | 12 | 14 | 15 | 16 | |
| 16 DIMMs ^{1,2} | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

* HPE DL560 is a 4-socket server (uses P3, P4)

¹ Support Hemi

² Support SGX