

# This GoldenEggs diagram shows x86 server evolution during years 2001...2014

Selected example server is Compaq/HP ProLiant DL580, 4P-4U.

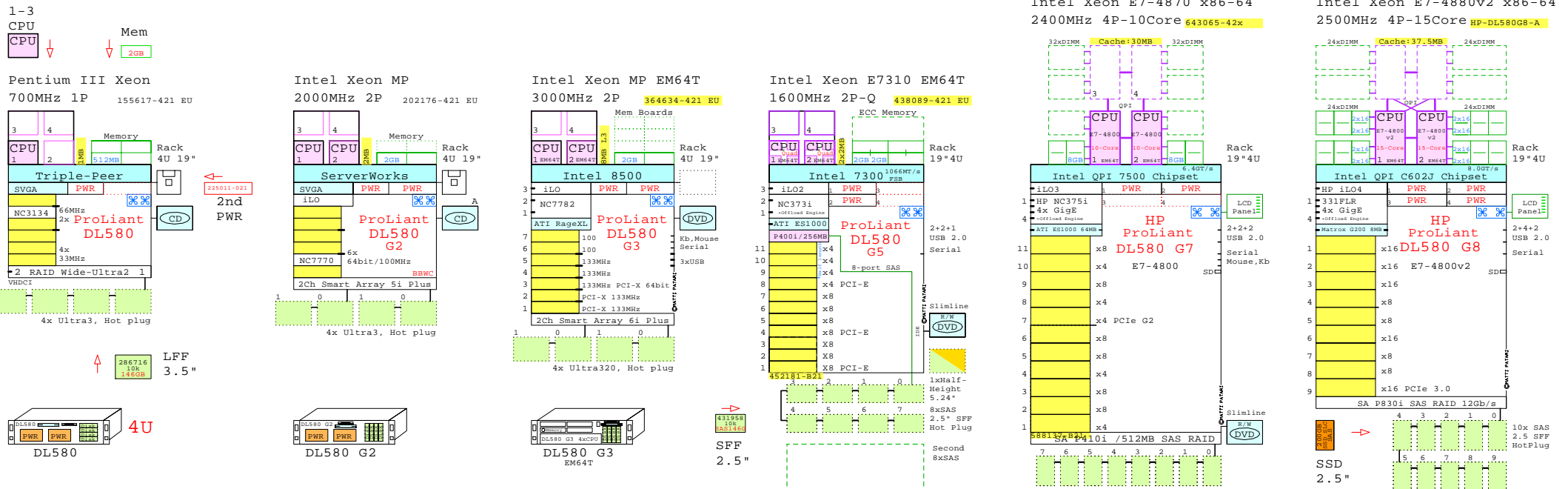
GE-link to this document:

<http://www.goldeneggs.fi/documents/GE-HP-DL580-13Y-A.pdf>

	2001-Jan	2014-Apr	Improvement
CPU	700MHz	2500MHz	3x
32Bits		64Bits	2x
1x Core		15x Core	15x
Memory	16GB	Memory 6100GB	400x !
Disk	288GB	Disk 7200GB	20x
6x PCI		11xPCIe 3.0	2x
1x 1GbE		4x 10GbE	50x

Milestones and key parameter growth during the last 12 years.

Compaq	HP	32bit	64bit			
2001-Nov	2002-Sep	2005-Apr	2008-Jan	2011-Jun	2014-Apr	
-Pentium III 700MHz -1x Core 32Bit -Max Memory 4x4GB = 16GB -Max Disk 4x 72GB = 288GB -6x PCI	-Pentium Xeon MP 2000MHz -1x Core 32Bit -Max Memory 4x8GB = 32GB -Max Disk 4x 72GB = 288GB -6x PCI	-Pentium Xeon MP 3000MHz -1x Core 64Bit -Max Memory 8x4GB = 32GB -Max Disk 4x300GB = 1200GB -7x PCI-X	-Xeon E7310 1600MHz -4x Core 64Bit -Max Memory 16x16GB 256GB -Max Disk 16x146GB= 2336GB -11x PCIe	-Xeon E7-4870 2400MHz -10xCore 64Bit -Max Memory 64x16GB 1024GB -Max Disk 8x300GB= 2400GB -11x PCIe 2.0	-Xeon E7-4880v2 2500MHz -15xCore 64Bit -Max Memory 96x64GB 6100GB -Max Disk 8x900GB= 7200GB -9x PCIe 3.0	



GE-links to x86 COMPARE Pictures:

- <http://www.goldeneggs.fi/documents/GE-HP-DL380-12Y-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMP-E52600V3-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMP-E74800V2-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMPARE-BLADE-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-INT-E5-MAP-A.pdf>

GE-link to GE 25 Year-Book

<http://www.goldeneggs.fi/documents/GE-25-YEAR-BOOK.pdf>

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Compare HP DL580 G1...G8 during the recent 13 years 4P-4U

GoldenEggs Home for all x86 documents:

<http://www.goldeneggs.fi>

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Evolution of HP DL580 in 13 years  
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