

x3500 M5
x86-64

5U

2nd processor
2300MHz 145W
Cache 45MB

Manager RJ-45 10/100/1000

4x RJ-45 10/100/1000

Matrox G200e2R 16MB

4+3 PCIe 3.0 slots

Ethernet 10Gb
HBA 2-ch PCI

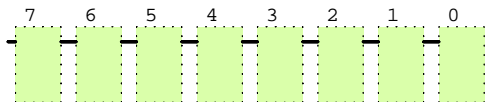
FC 16Gb
HBA 2-ch PCI

RAID SAS
HBA 8-ch PCI

HotPlug Drives:
200...1200GB

SSD HDD

800GB SAS
1200GB SAS



SFF-8DISK
HDD assembly

Haswell

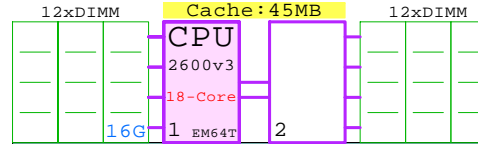
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core LENOVO-X3500M5

Max Memory
24x 64GB=
1.5TB

4x Gigabit E
Remote Manager

CPU
2699v3
18-Core
EM64T
18-Core



Tower
Rack
19" 5U

Single DIMM
16G

Intel QPI C612 Chipset

1 IMM2 GigE 1 PWR 2 PWR
1 BCM5719
4x GigE
+offload Engine
4 Matrox G200 16MB

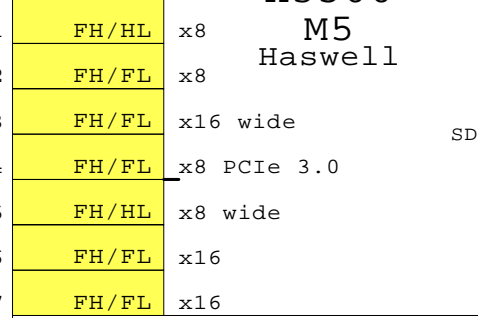
Power Supply

2nd Power
750W

Lenovo
X3500
M5
Haswell

Light
Path
Diagn.

USB:
F 2x2.0
B 2x2.0
B 2x3.0
I 2x3.0
Serial



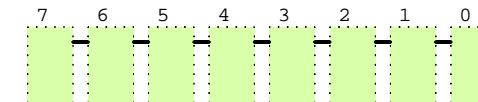
RAID M5210 2GB Flash 12Gbps

CD
5.25"

Lenovo
DVD
R/W

Optional
CD/Dat

Tape
USB
DAT



4x 8 SAS 2.5" SFF HotPlug

Lenovo x3500 M5
Xeon E5-2699v3

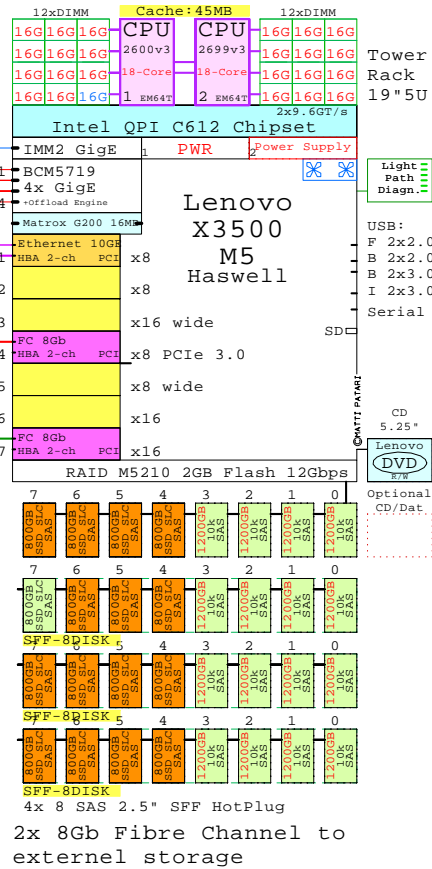
Internal Options:

- CPU** I-E5-2699v3
2699v3 18-Core
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB** 8GB Memory 1x DIMMs each
- MEM-16GB** 16GB
- MEM-32GB** 32GB
- POWER-2** 2nd Power 750W
- HDD-300GB** 300GB 10k SAS 2.5"
- HDD-600GB** 600GB 10k SAS 2.5"
- HDD-1200GB** 1200GB 10k SAS 2.5"
- SSD-200GB** 200GB SSD SAS 2.5"
- SSD-800GB** 800GB SSD SAS 2.5"
- DVD-SATA** SATA CD-RW/DVD

- PCI-1GbE** Ethernet 1Gb HBA 4-ch PCI
- PCI-10GbE** Ethernet 10Gb HBA 2-ch PCI
- PCI-FC8** FC 8Gb HBA 2-ch PCI
- PCI-RAID** RAID SAS HBA 8-ch PCI

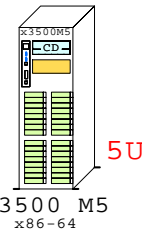
Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core LENOVO-X3500M5



Parts list for the 2P 2x18-Core Lenovo x3500 M5

Part Number	Qty	Description
HDD-1200GB	16	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
LEN-X3500M5	1	Lenovo x3500-M5 2P 18C E5-2699v3-45MB 16
MEM-16GB	23	Memory 1x 16GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SFF-8DISK	3	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	16	Disk SSD 800GB 2.5" SAS SLC hot-plug



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HotPlug Drives: SSD HDD

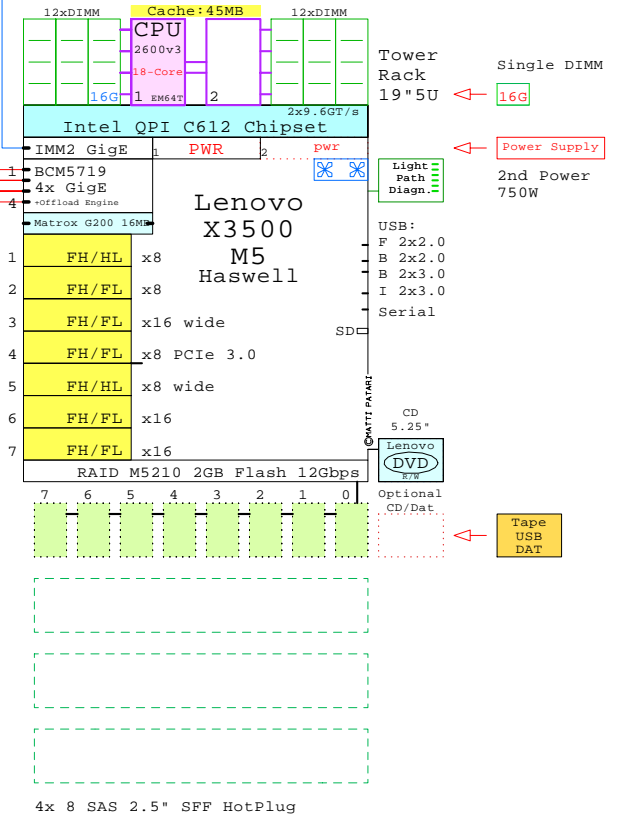
200...1200GB

SFF-8DISK
HDD assembly

GE-link to this document: <http://www.goldeneggs.fi/documents/GE-LENOVO-X3500M5-A.pdf>

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core LENOVO-X3500M5 24x 64GB=
1.5TB



MS Windows Server 2008
LINUX: Red Hat, SuSE

Golden Eggs Home:
<http://www.goldeneggs.fi>

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GOLDEN EGGS Visuals™ Helsinki	14-Mar-2015	GE-LENOVO-X3500M5A
Matti.Patari@Kolumbus.fi		

Lenovo x3500 M5 2P/5U E5-2699v3
GOLDEN EGGS Visuals, Helsinki

Made by: Matti.Patari@Kolumbus.FI **Lenovo x3500 M5 Intel E5-2699v3 2P/5U**

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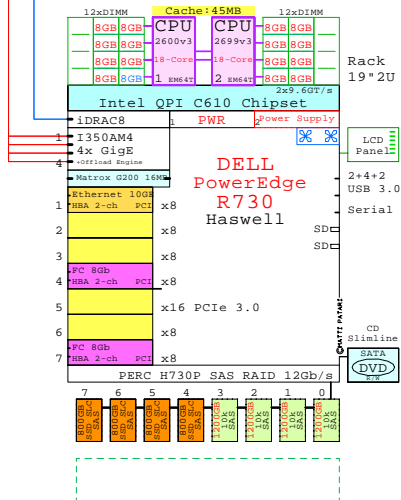
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A picture is worth of one thousand words.
It talks all languages.

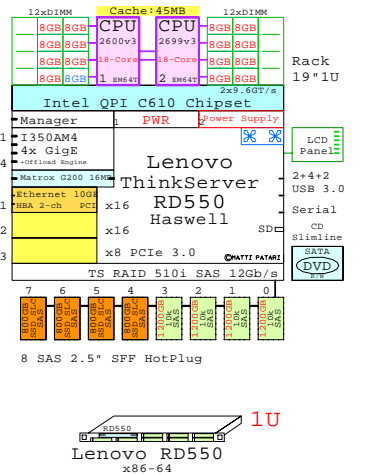
x86-64 servers: **Dell** **IBM** **HP** **Fujitsu** **SUN** **Acer** **Lenovo** and **Cisco**

4x Gigabit E
Remote Manager

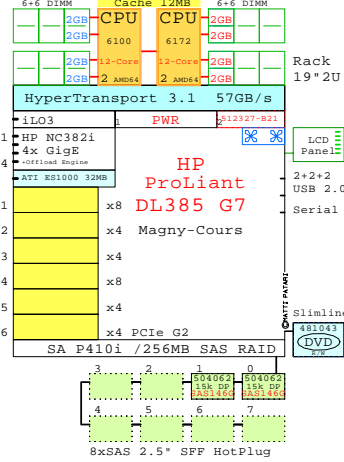
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **DELL-R730-A**



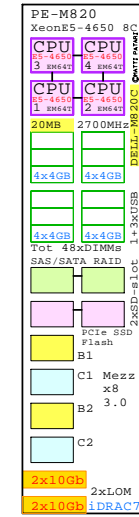
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-RD550-A**



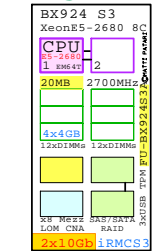
AMD Opteron 6172 x86-64
2100MHz 2P 12-Core **573088-421 EU**



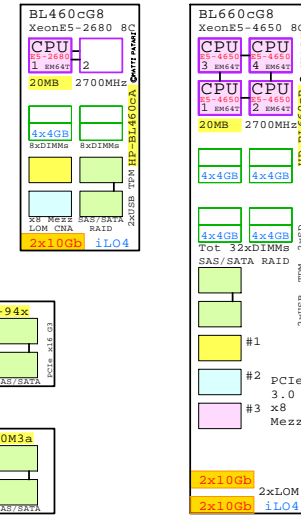
Dell Blades



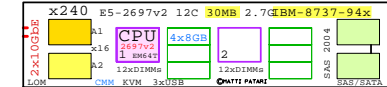
Fujitsu



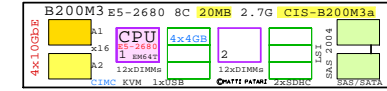
HP Blades



IBM Blades



Cisco Blades



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- <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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GE-Welcome1

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