

Compare Intel Xeon E5-2600v3 2P x86 rack/tower servers

GE-link to this document: <http://www.goldeneggs.fi/documents/GE-COMP-E52600V3-A.pdf>

Haswell
2300MHz 18-Core

I-E5-2699v3
2nd processor
2300MHz 145W
Cache 45MB
18-Core

iDRAC8 RJ-45 10/100

4x RJ-45 10/100/1000

Matrox G200 8MB

DELL R630
x86-64

HP DL360 G9
x86-64

Lenovo RD550
x86-64

IBM x3550-M5
x86-64

RX2530 M1
x86-64

4+3 PCIe 3.0

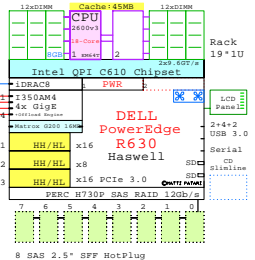
HotPlug
200...1200GB

SSD HDD

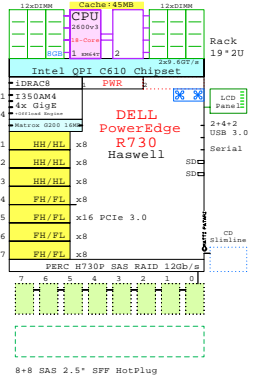
HDD assembly

DELL

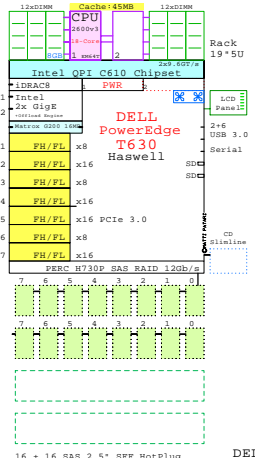
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **DELL-R630-A**



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



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **DELL-T630-A**



Max Memory
24x 32GB=
768GB

Single DIMM

Power Supply

2nd Power
750W

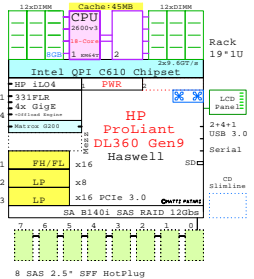
1U

2U

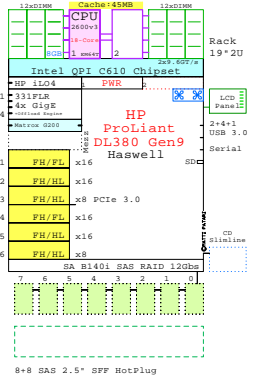
Tower

HP

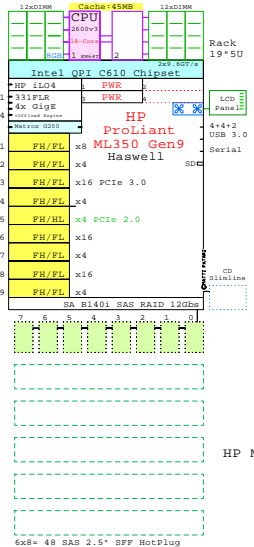
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **HP-DL360G9-A**



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **HP-DL380G9-A**

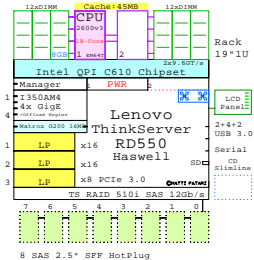


Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **HP-ML350G9-A**

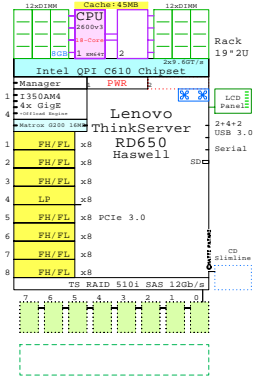


Lenovo

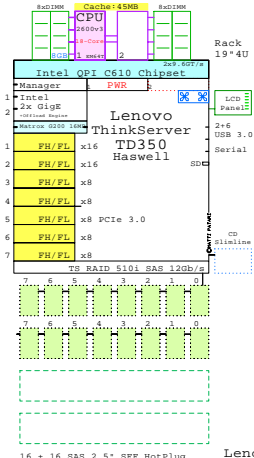
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-RD550-A**



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-RD650-A**

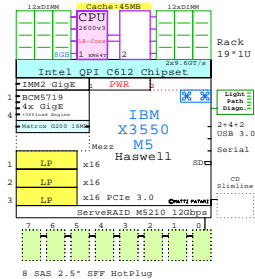


Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-TD350-A**

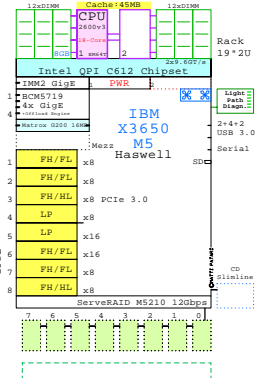


IBM

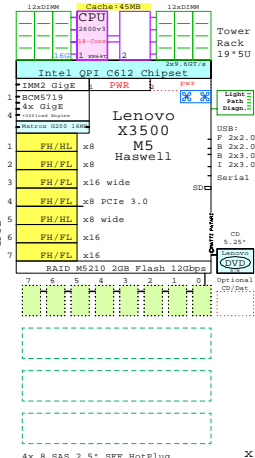
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **IBM-x3550M5-A**



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **IBM-x3650M5-A**

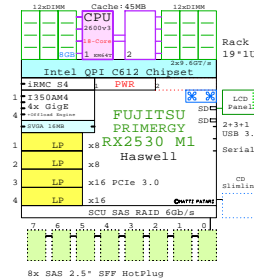


Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-TX250M5**

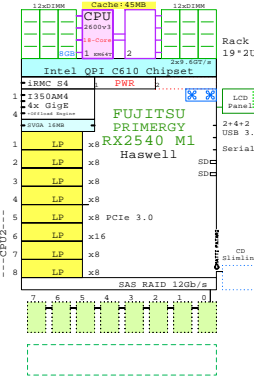


FUJITSU

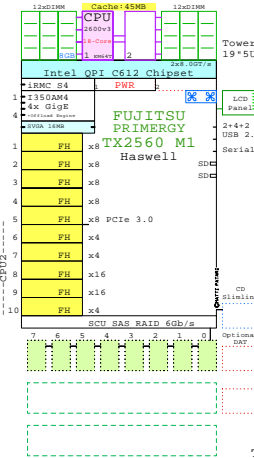
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **FUJITSU-RX2530M1**



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **FUJITSU-RX2540M1**



Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **FUJITSU-TX2560M1**



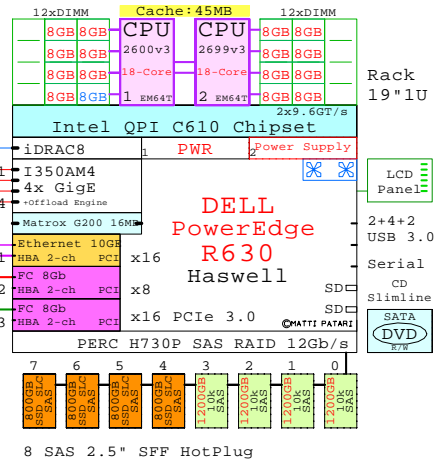
DELL R630
Xeon E5-2699v3

Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-32GB**
- POWER-2**
2nd Power 750W
- HDD-300GB**
300GB 15k SAS
- HDD-600GB**
600GB 10k SAS
- HDD-1200GB**
1200GB 10k SAS
- SSD-200GB**
200GB SSD SAS
- SSD-800GB**
800GB SSD SAS
- DVD-SATA**
SATA CD-RW/DVD
- PCI-1GbE**
Ethernet 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
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 **DELL-R630-A**



2x 8Gb Fibre Channel to external storage

Parts list for the 2P 2x18-Core Dell R630 1U

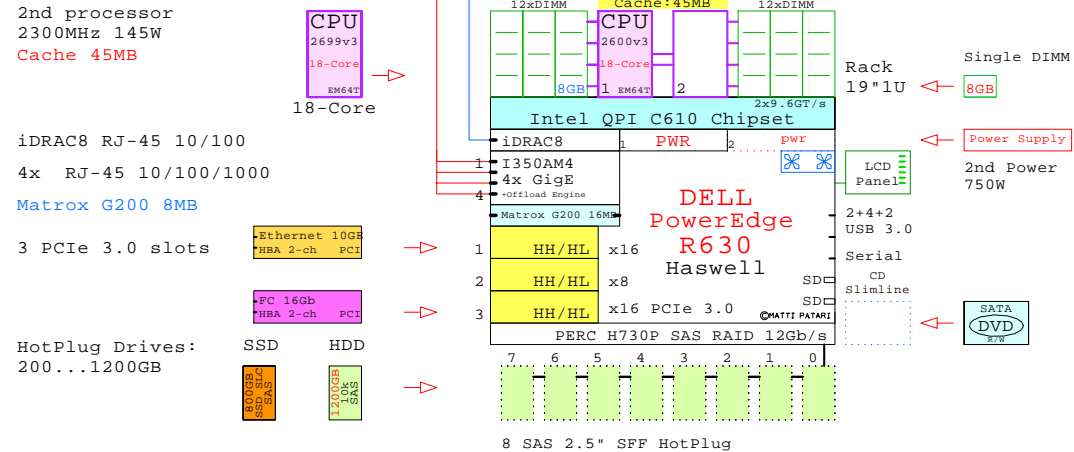
Part Number	Qty	Description
DELL-R630-A	1	DELL R630 2P 18C E5-2699v3 45MB 8GB 1U
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	4	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-upg
SSD-800GB	4	Disk SSD 800GB 2.5" SAS SLC hot-plug

Made by:
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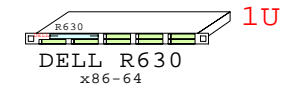
DELL PE R630 Intel E5-2699v3 2P/1U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core **DELL-R630-A** 24x 32GB=
768GB



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MS Windows Server 2008
LINUX: Red Hat, SuSE

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DELL PE R630 2P/1U E5-2699v3 2.3G
GOLDEN EGGS Visuals, Helsinki

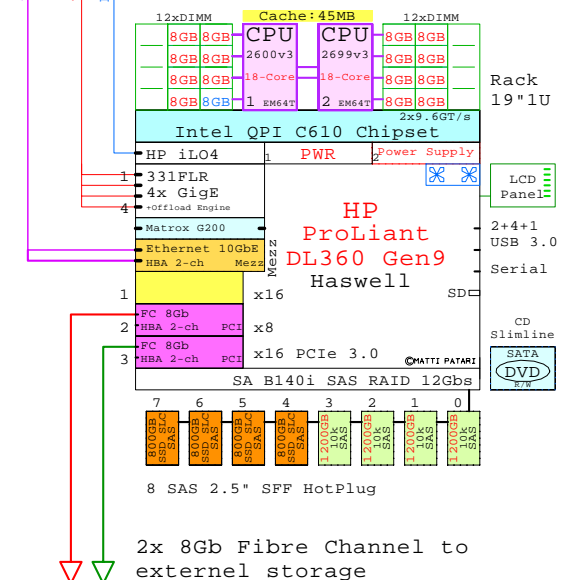
HP DL360 Gen9
Xeon E5-2699v3

Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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
15k SAS
- HDD-600GB**
600GB
10k SAS
- HDD-1200GB**
1200GB
10k SAS
- SSD-200GB**
200GB
SSD SLC SAS
- SSD-800GB**
800GB
SSD SLC SAS
- DVD-SATA**
SATA CD-RW/DVD
- PCI-1GbE**
Ethernet 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
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 HP-DL360G9-A



2x 8Gb Fibre Channel to external storage

Parts list for the 2P 2x18-Core HP DL360 G9

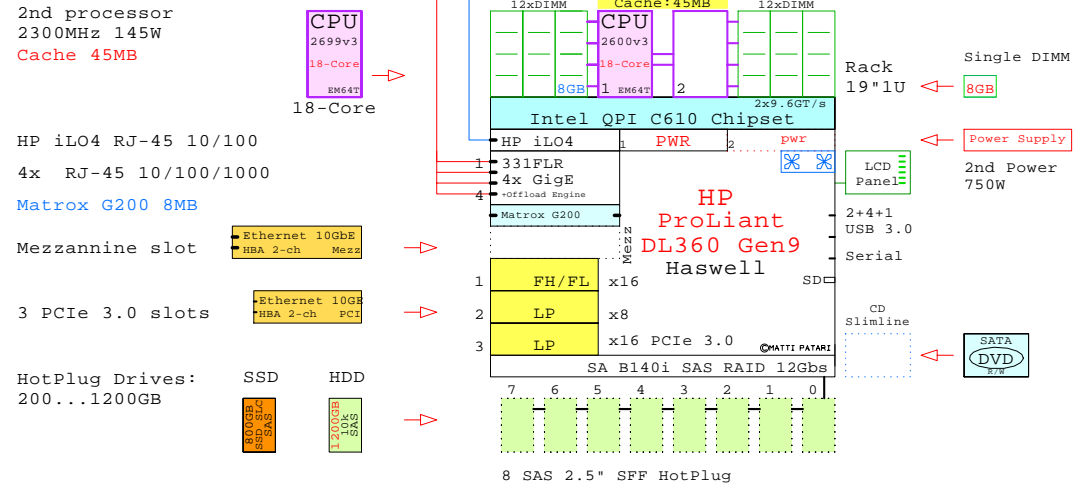
Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	4	Disk HDD 1200GB 2.5" SAS 10k hot-plug
HP-DL360G9A	1	HP DL360 G9 2P 18C E5-2699v3 45MB 8GB 1U
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB DIMM
MEZ-10GbE	1	Ethernet 2x 10GbE Mezzanine
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SSD-800GB	4	Disk SSD 800GB 2.5" SAS SLC hot-plug

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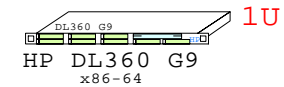
HP DL360 Gen9 Intel E5-2699v3 2P/1U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core HP-DL360G9-A 24x 32GB= 768GB



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LINUX: Red Hat, SuSE

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HP DL360 G9 2P/1U E5-2699v3 2.3GHZ
GOLDEN EGGS Visuals, Helsinki

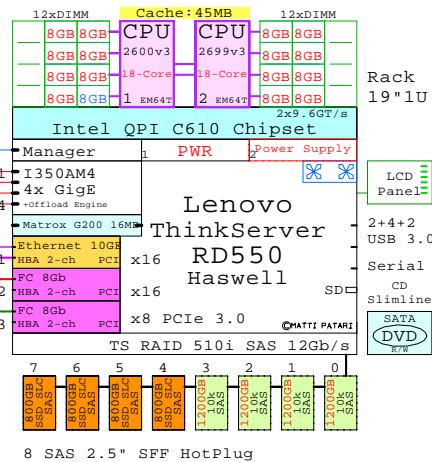
Lenovo RD550
Xeon E5-2699v3

Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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 15k SAS
- HDD-600GB**
600GB 10k SAS
- HDD-1200GB**
1200GB 10k SAS
- SSD-200GB**
200GB SSD SLC SAS
- SSD-800GB**
800GB SSD SLC SAS
- DVD-SATA**
SATA CD-RW/DVD
- PCI-1GbE**
Ethernet 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
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-RD550-A**



2x 8Gb Fibre Channel to external storage

Parts list for the 2P 2x18-Core Lenovo RD550

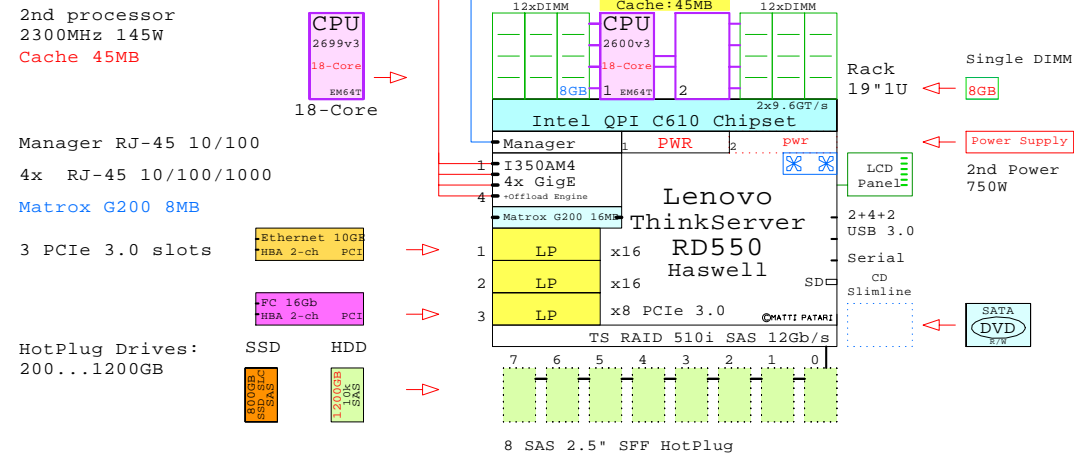
Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	4	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
LEN-RD550-A	1	Lenovo RD550 2P 18C E5-2699v3 45MB 8GB 1
MEM-8GB	15	Memory 1x 8GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SSD-800GB	4	Disk SSD 800GB 2.5" SAS SLC hot-plug

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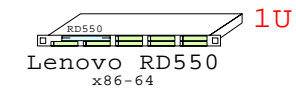
Lenovo RD550 Intel E5-2699v3 2P/1U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core **LENOVO-RD550-A** 24x 32GB=
768GB



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Lenovo RD550 2P/1U E5-2699v3 2.3G
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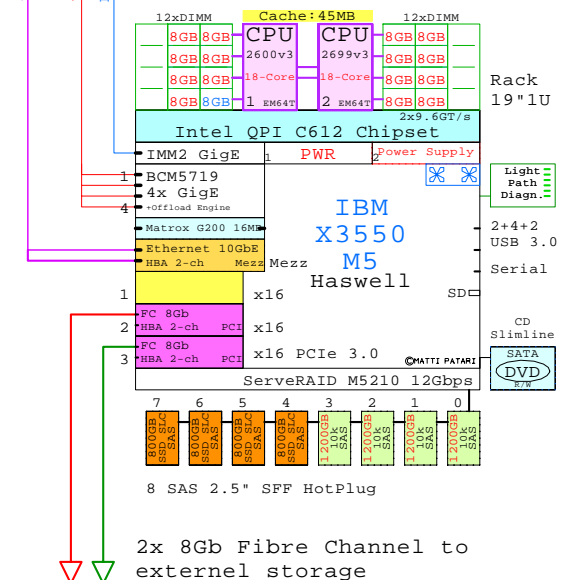
IBM x3550 M5
Xeon E5-2699v3

Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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
15k SAS
- HDD-600GB**
600GB
10k SAS
- HDD-1200GB**
1200GB
10k SAS
- SSD-200GB**
200GB
SSD SLC SAS
- SSD-800GB**
800GB
SSD SLC SAS
- DVD-SATA**
SATA CD-RW/DVD
- PCI-1GbE**
Ethernet 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
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 IBM-x3550M5-A



2x 8Gb Fibre Channel to external storage

Parts list for the 2P 2x18-Core IBM x3550 M5

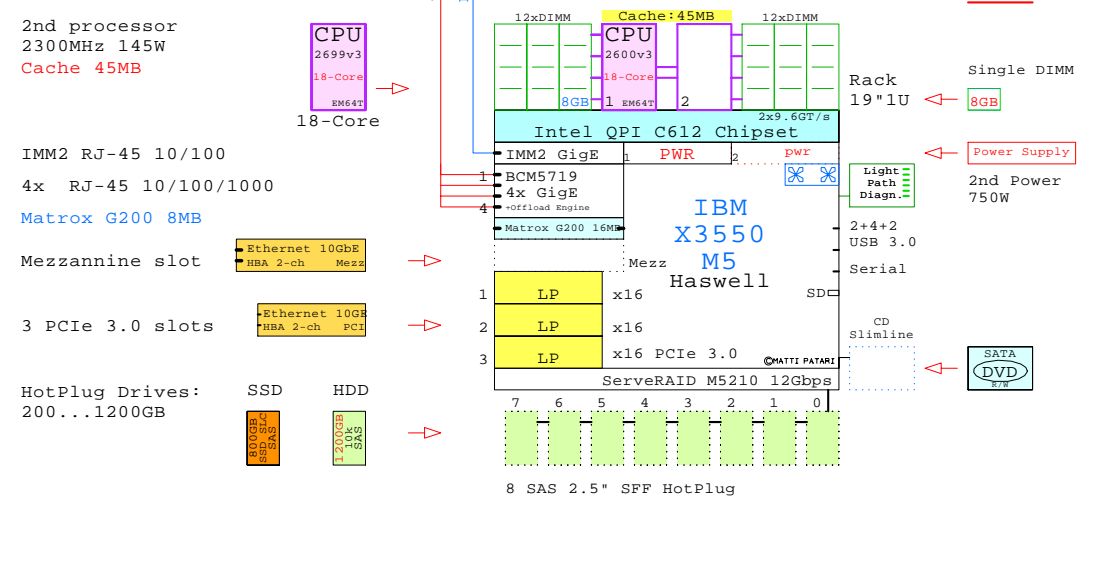
Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	4	Disk HDD 1200GB 2.5\" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
IB-3550M5-A	1	IBM x3550-M5 2P 18C E5-2699v3 45MB 8GB 1
MEM-8GB	15	Memory 1x 8GB DIMM
MEZ-10GbE	1	Ethernet 2x 10GbE Mezzanine
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SSD-800GB	4	Disk SSD 800GB 2.5\" SAS SLC hot-plug

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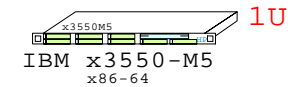
IBM x3550 M5 Intel E5-2699v3 2P/1U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core IBM-x3550M5-A 24x 32GB=
768GB



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IBM x3550M5 2P/1U E5-2699v3 2.3GHZ GOLDEN EGGS Visuals, Helsinki		

FUJITSU RX2530 M1
Xeon E5-2699v3

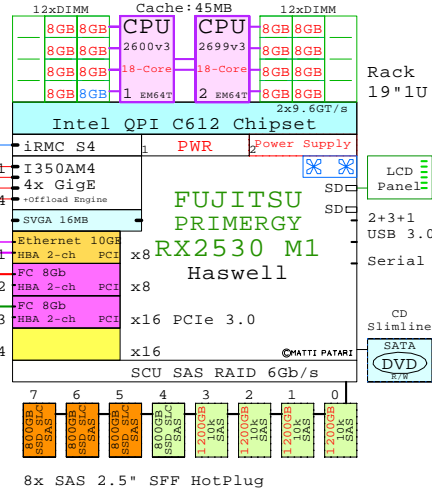
Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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
15k SAS
- HDD-600GB**
600GB
10k SAS
- HDD-1200GB**
1200GB
10k SAS
- SSD-200GB**
200GB
SSD SLC SAS
- SSD-800GB**
800GB
SSD SLC SAS
- DVD-SATA**
SATA CD-RW/DVD
- PCI-1GbE**
Ethernet 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
HBA 2-ch PCI
- PCI-FC8**
FC 8Gb
HBA 2-ch PCI
- PCI-RAID**
RAID SAS
HBA 8-ch PCI

Made by:
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Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core FUJI-RX2530M1



2x 8Gb Fibre Channel to
external storage

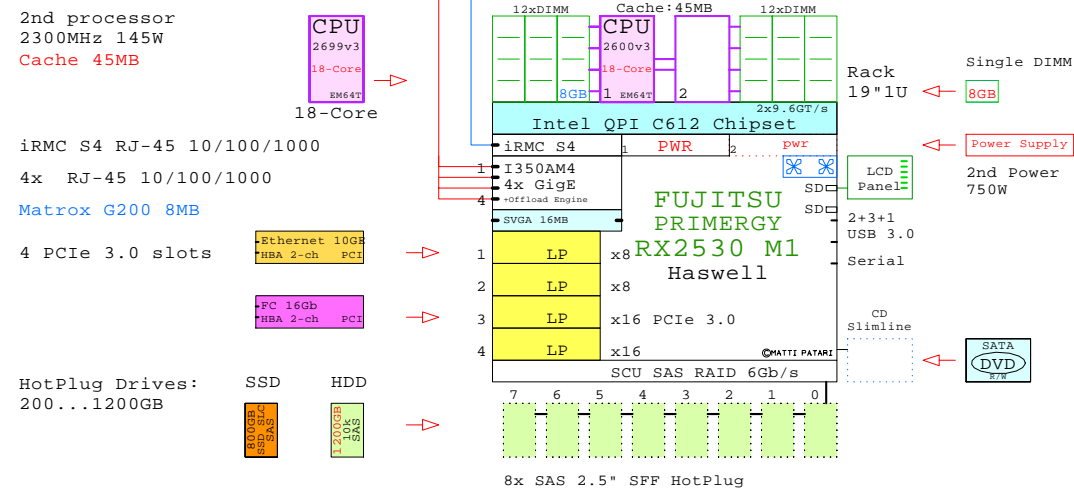
Parts list for the 2P 2x18-Core Fujitsu RX2530 M1

Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
FU-RX2530-M	1	Fuji RX2530-M1 2P 18-C E5-2699v3 45MB 8G
HDD-1200GB	4	Disk HDD 1200GB 2.5\" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB 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
SSD-800GB	4	Disk SSD 800GB 2.5\" SAS SLC hot-plug

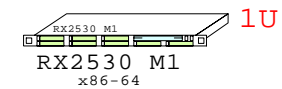
FUJITSU RX2530 M1 Intel E5-2699v3 2P/1U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core FUJI-RX2530M1 24x 32GB=
768GB



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-RX2530M1-A.pdf>



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FUJITSU RX2530 M1 2P/1U E5-2699v3
GOLDEN EGGS Visuals, Helsinki

DELL R730
Xeon E5-2699v3

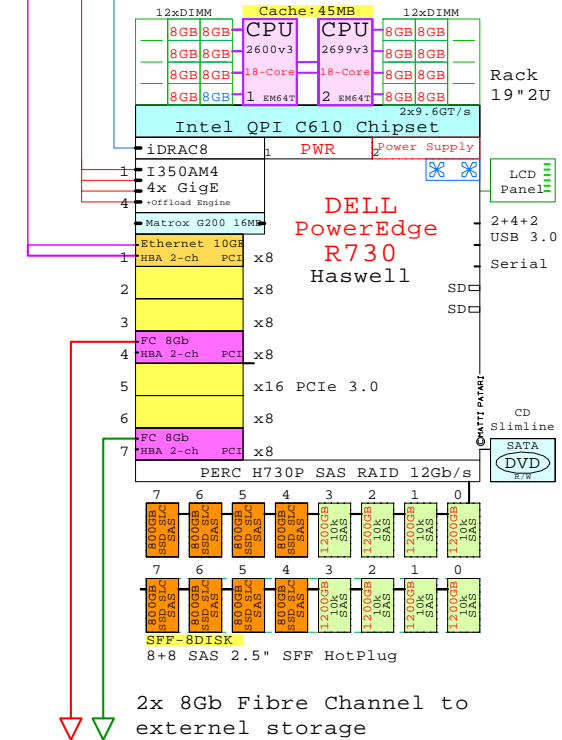
Internal Options:

- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-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 SAS RAID

Example Configuration
x86-64

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



Parts list for the 2P 2x18-Core Dell R730

Part Number	Qty	Description
DELL-R730-A	1	DELL R730 2P 18C E5-2699v3 45MB 8GB 2U
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	8	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB 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	1	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	8	Disk SSD 800GB 2.5" SAS SLC hot-plug

2nd processor
2300MHz 145W
Cache 45MB

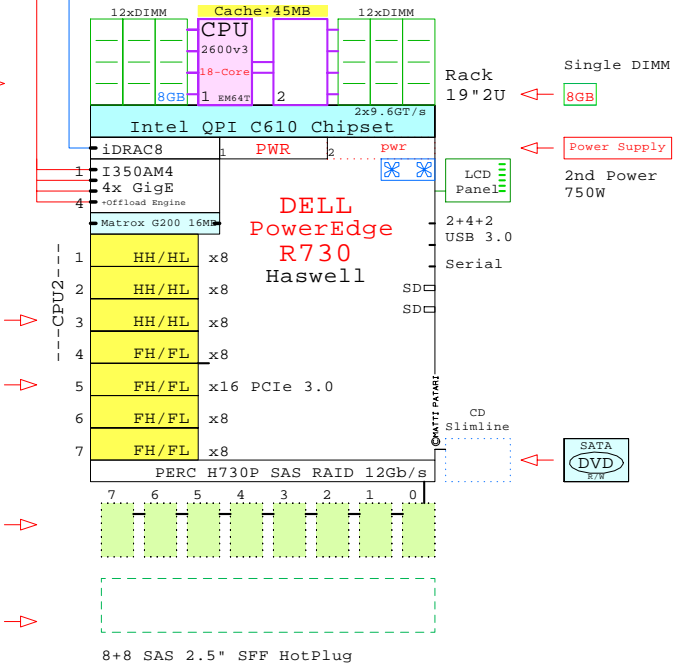
iDRAC8 RJ-45 10/100
4x RJ-45 10/100/1000
Matrox G200 8MB

4+3 PCIe 3.0 slots
Ethernet 10GbE
HBA 2-ch PCI
FC 16Gb
HBA 2-ch PCI
RAID SAS
HBA 8-ch PCI

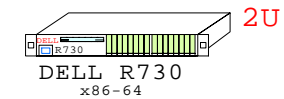
Hotplug Drives: SSD HDD
200...1200GB
SFF-8DISK
HDD assembly

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **DELL-R730-A** Max Memory
24x 32GB=
768GB



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-DELL-R730-A.pdf>



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LINUX: Red Hat, SuSE

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GOLDEN EGGS Visuals™ Helsinki	13-Oct-2014	GE-DELL-R730-A
Matti.Patari@Kolumbus.fi		

DELL PE R730 2P/2U E5-2699v3 2.3G
GOLDEN EGGS Visuals, Helsinki

Made by:
Matti.Patari@Kolumbus.FI

DELL PE R730 Intel E5-2699v3 2P/2U

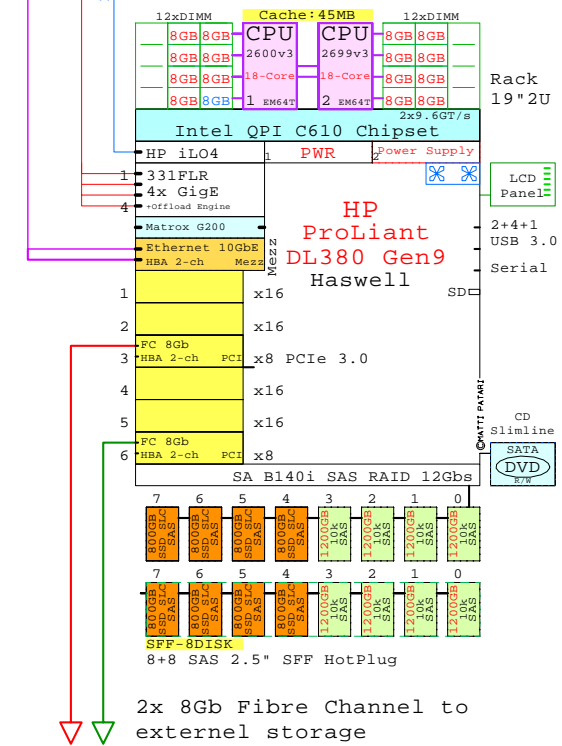
HP DL380 Gen9
Xeon E5-2699v3

Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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 15k SAS
- HDD-600GB**
600GB 10k SAS
- HDD-1200GB**
1200GB 10k SAS
- SSD-200GB**
200GB SSD SLC SAS
- SSD-800GB**
800GB SSD SLC SAS
- 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 SAS RAID

Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core HP-DL380G9-A



Parts list for the 2P 2x18-Core HP DL380 G9

Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	8	Disk HDD 1200GB 2.5" SAS 10k hot-plug
HP-DL380G9A	1	HP DL380 G9 2P 18C E5-2699v3 45MB 8GB 2U
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB DIMM
MEZ-10GbE	1	Ethernet 2x 10GbE Mezzanine
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SFF-8DISK	1	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	8	Disk SSD 800GB 2.5" SAS SLC hot-plug

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HP DL380 Gen9 Intel E5-2699v3 2P/2U

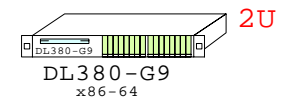
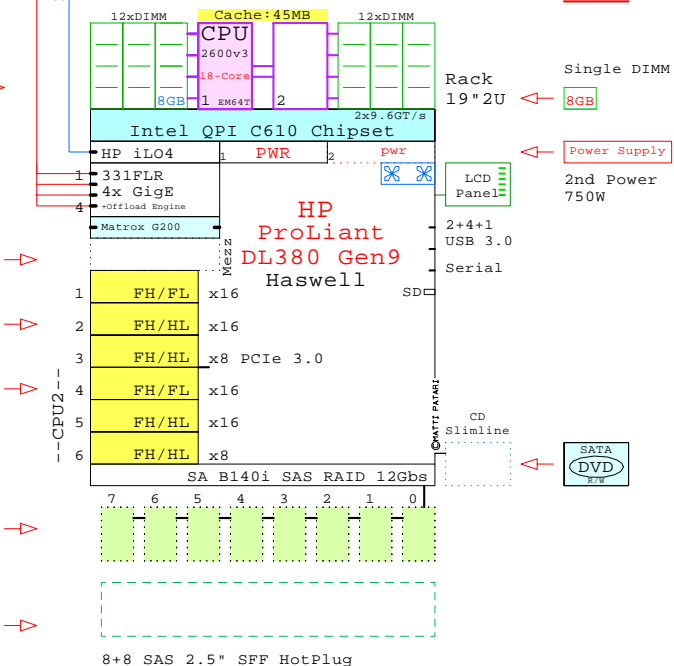
2nd processor
2300MHz 145W
Cache 45MB

HP iLO4 RJ-45 10/100
4x RJ-45 10/100/1000
Matrox G200 8MB

- Mezzanine slot Ethernet 10GbE HBA 2-ch Mezz
- 3+3 PCIe 3.0 slots Ethernet 10Gb HBA 2-ch PCI
- Hotplug Drives: SSD HDD
- 200...1200GB
- SFF-8DISK HDD assembly

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core HP-DL380G9-A 24x 32GB=
768GB



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HP DL380 G9 2P/2U E5-2699v3 2.3GHZ
GOLDEN EGGS Visuals, Helsinki

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Lenovo RD650
Xeon E5-2699v3

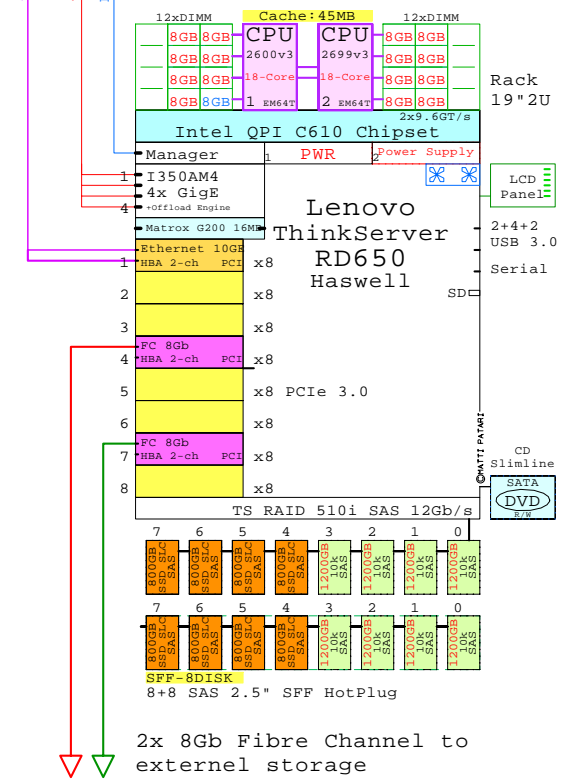
Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
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
15k SAS
- HDD-600GB**
600GB
10k SAS
- HDD-1200GB**
1200GB
10k SAS
- SSD-200GB**
200GB
SSD SLC SAS
- SSD-800GB**
800GB
SSD SLC SAS
- DVD-SATA**
SATA CD-RW/DVD

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

Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-RD650-A**



2x 8Gb Fibre Channel to external storage

Parts list for the 2P 2x18-Core Lenovo RD650

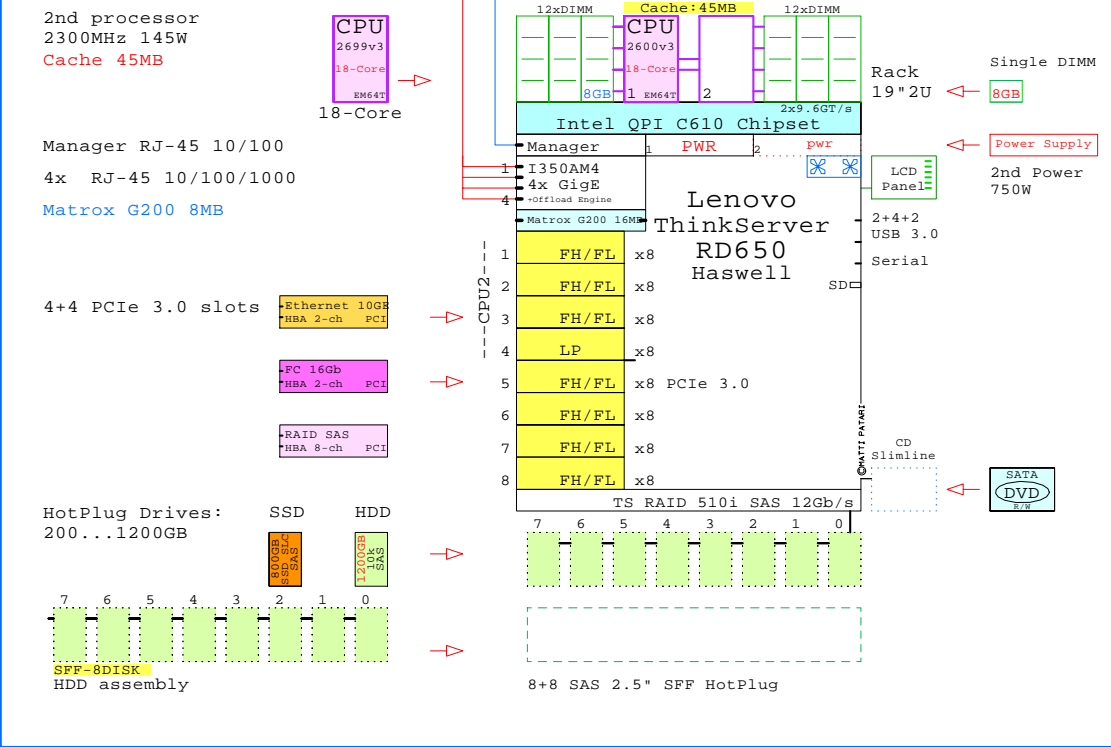
Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	8	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
LEN-RD650-A	1	Lenovo RD650 2P 18C E5-2699v3 45MB 8GB 2
MEM-8GB	15	Memory 1x 8GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SFF-8DISK	1	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	8	Disk SSD 800GB 2.5" SAS SLC hot-plug

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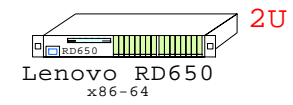
Lenovo RD650 Intel E5-2699v3 2P/2U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core **LENOVO-RD650-A** 24x 32GB=
768GB



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-LENOVO-RD650-A.pdf>



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Lenovo RD650 2P/2U E5-2699v3 2.3G
GOLDEN EGGS Visuals, Helsinki

IBM x3650 M5
Xeon E5-2699v3

Internal Options:

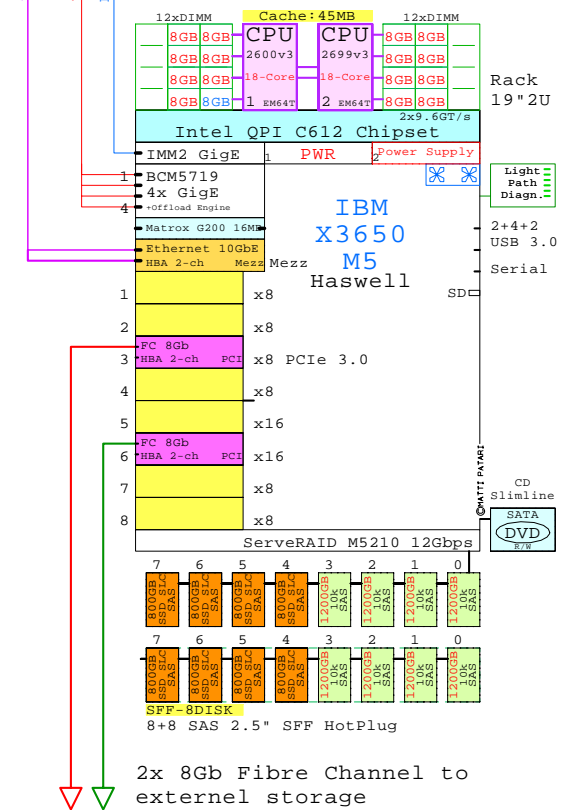
- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-32GB**
- POWER-2**
2nd Power 750W
- HDD-300GB**
300GB 10k SAS 2.5"
- HDD-600GB**
600GB 10k SAS 2.5"
- HDD-1200GB**
1200GB 10k SAS 2.5"
- SSD-200GB**
200GB SSD SAS 2.5"
- SSD-800GB**
800GB SSD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

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

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Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core IBM-x3650M5-A



2x 8Gb Fibre Channel to external storage

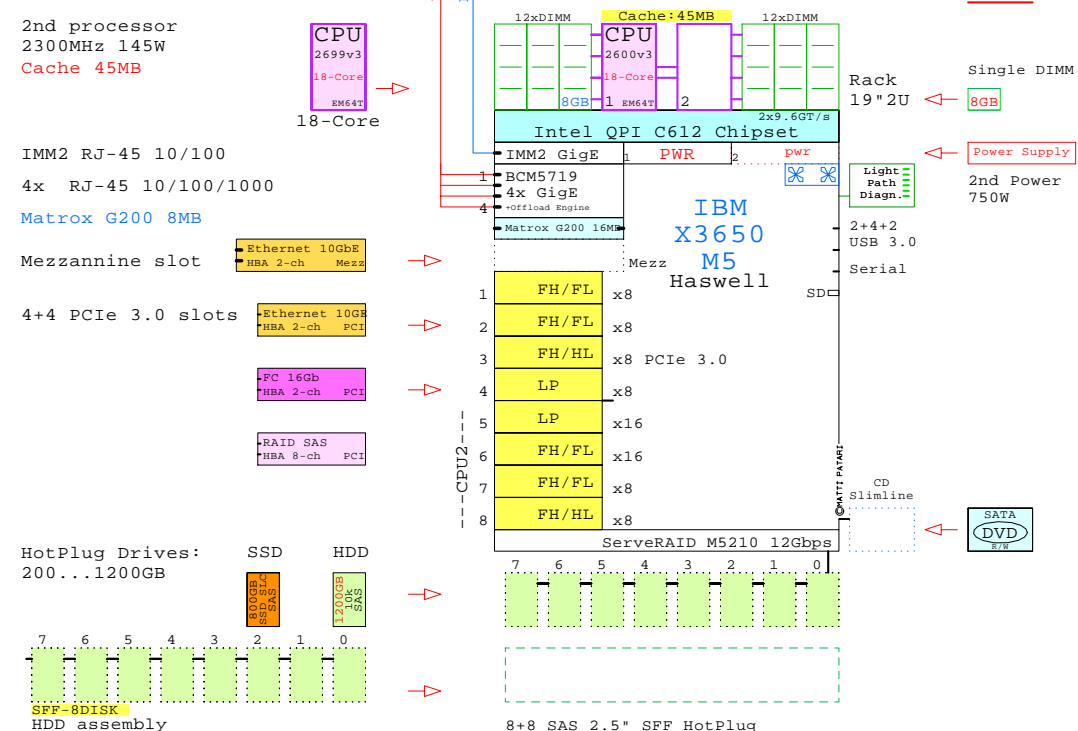
Parts list for the 2P 2x18-Core IBM x3650 M5

Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	8	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
IB-3650M5-A	1	IBM x3650-M5 2P 18C E5-2699v3 45MB 8GB 2
MEM-8GB	15	Memory 1x 8GB DIMM
MEZ-10GbE	1	Ethernet 2x 10GbE Mezzanine
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SFF-8DISK	1	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	8	Disk SSD 800GB 2.5" SAS SLC hot-plug

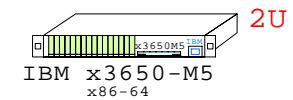
IBM x3650 M5 Intel E5-2699v3 2P/2U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core IBM-x3650M5-A 24x 32GB=
768GB



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-IBM-X3650M5-A.pdf>



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IBM x3650M5 2P/2U E5-2699v3 2.3GHZ
GOLDEN EGGS Visuals, Helsinki

FUJITSU RX2540 M1
Xeon E5-2699v3

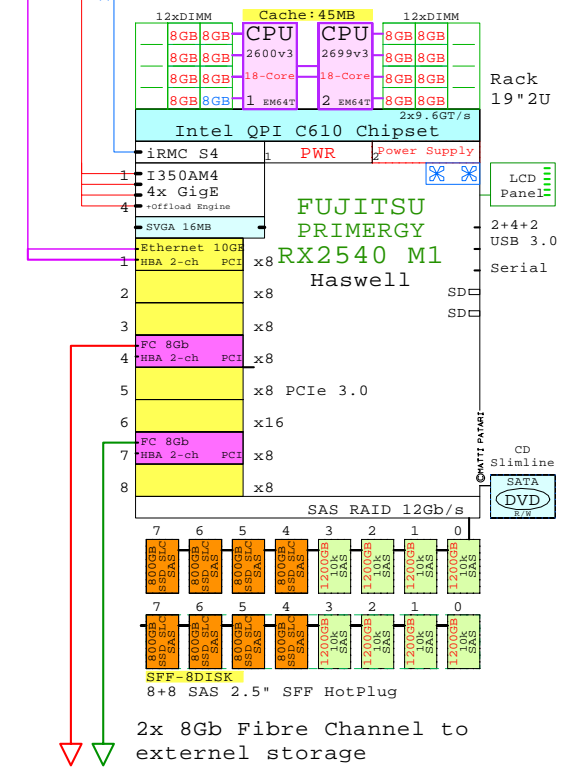
Internal Options:

- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-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 1GbE
HBA 4-ch PCI
- PCI-10GbE**
Ethernet 10GbE
HBA 2x 10GbE PCI
- PCI-FC8**
FC 8Gb
HBA 2x FC8
- PCI-RAID**
RAID SAS
HBA SAS RAID

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Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core FUJI-RX2540M1



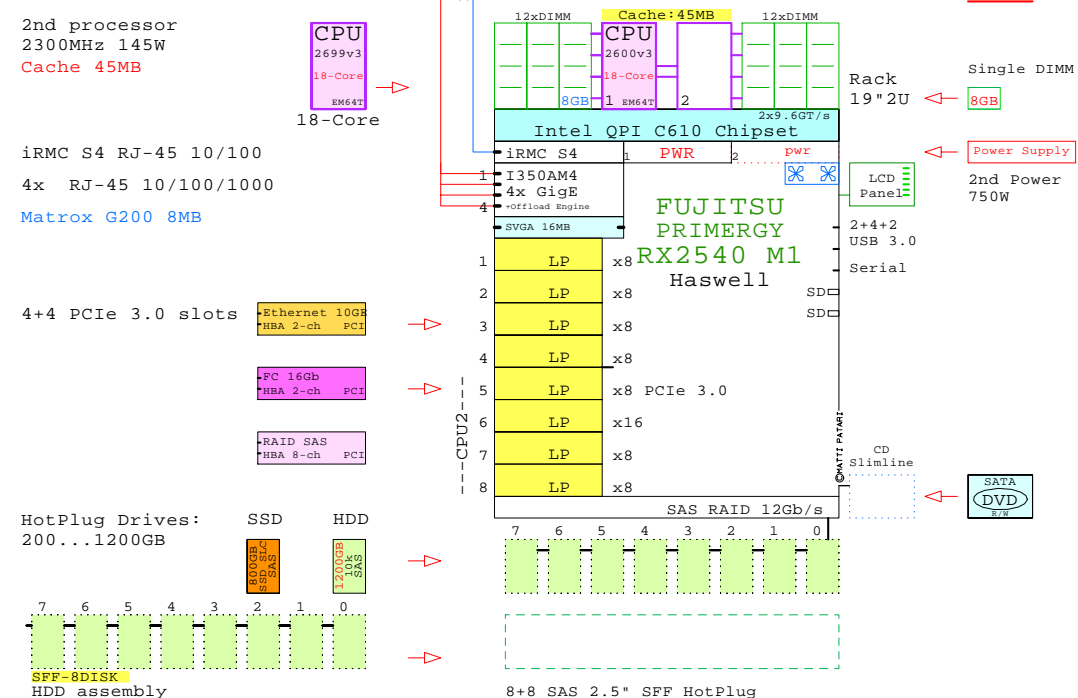
Parts list for the 2P 2x18-Core Fujitsu RX2540 M1

Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
FU-RX2540-M	1	Fuji RX2540-M1 2P 18-C E5-2699v3 45MB 8G
HDD-1200GB	8	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB 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	1	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	8	Disk SSD 800GB 2.5" SAS SLC hot-plug

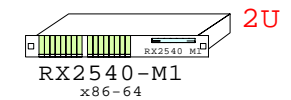
FUJITSU RX2540 M1 Intel E5-2699v3 2P/2U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core FUJI-RX2540M1 24x 32GB=
768GB



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	Matti.Patari@Kolumbus.fi	
FUJITSU RX2540 M1 2P/2U E5-2699v3		
GOLDEN EGGS Visuals, Helsinki		

DELL T630
Xeon E5-2699v3

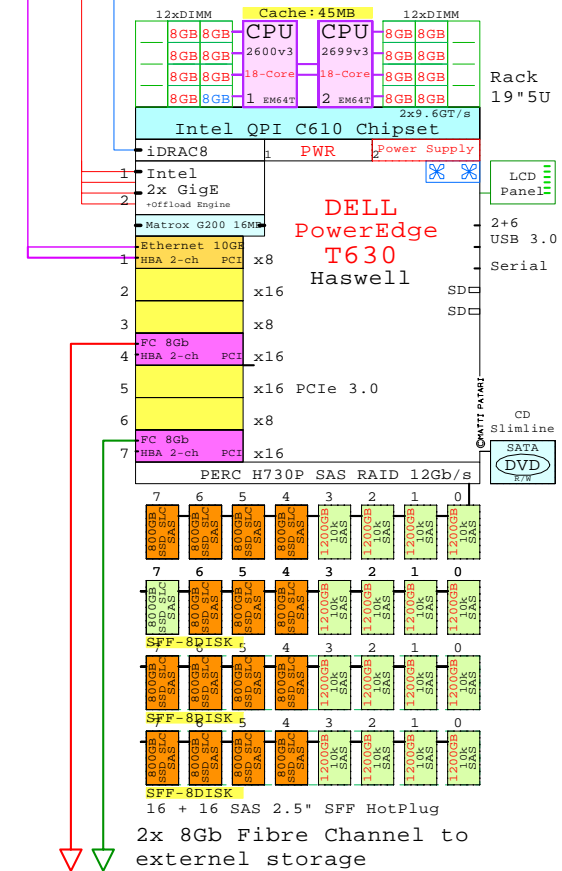
Internal Options:

- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-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 **DELL-T630-A**



Parts list for the 2P 2x18-Core Dell T630

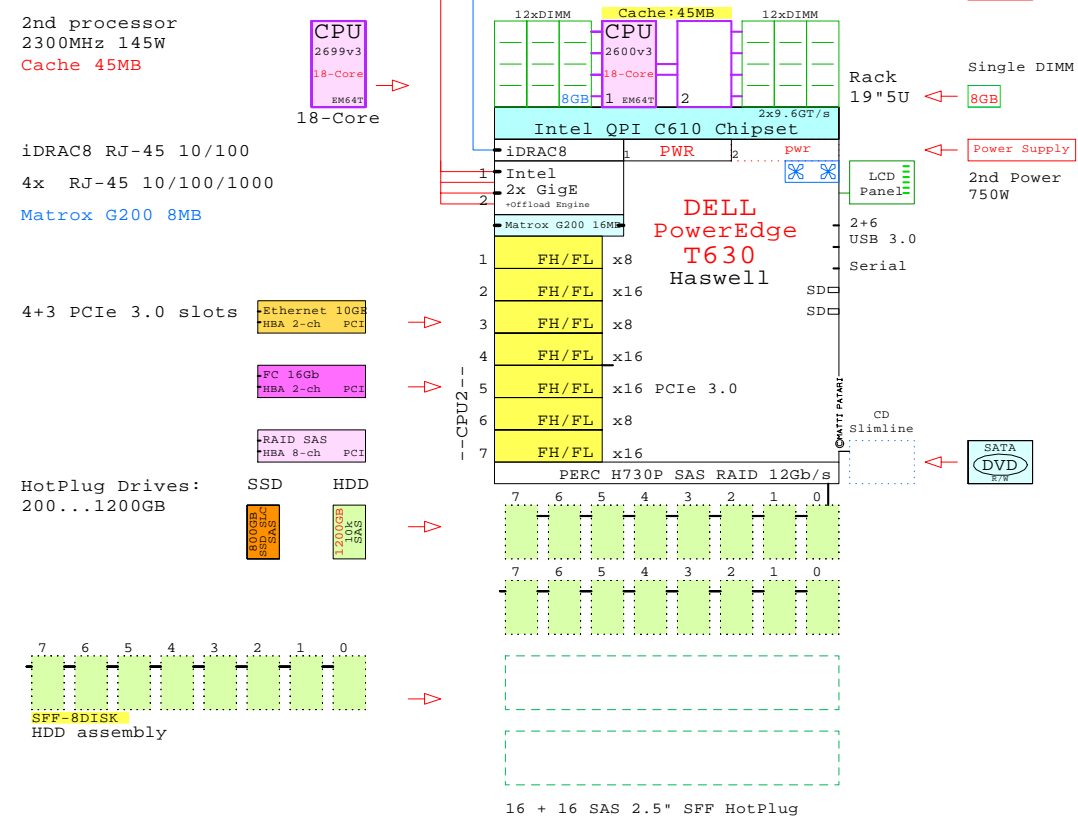
Part Number	Qty	Description
DELL-T630-A	1	DELL T630 2P 18C E5-2699v3 45MB 8GB 5U T
DVD-SATA	1	DVD SATA Slimline
HDD-1200GB	16	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre 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

Made by:
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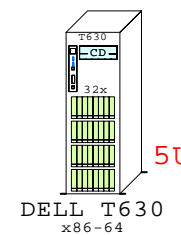
DELL PE T630 Intel E5-2699v3 2P/5U

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core **DELL-T630-A** 24x 32GB=
768GB



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DELL PE T630 2P/5U E5-2699v3 2.3G
GOLDEN EGGS Visuals, Helsinki

Lenovo TD350
Xeon E5-2699v3

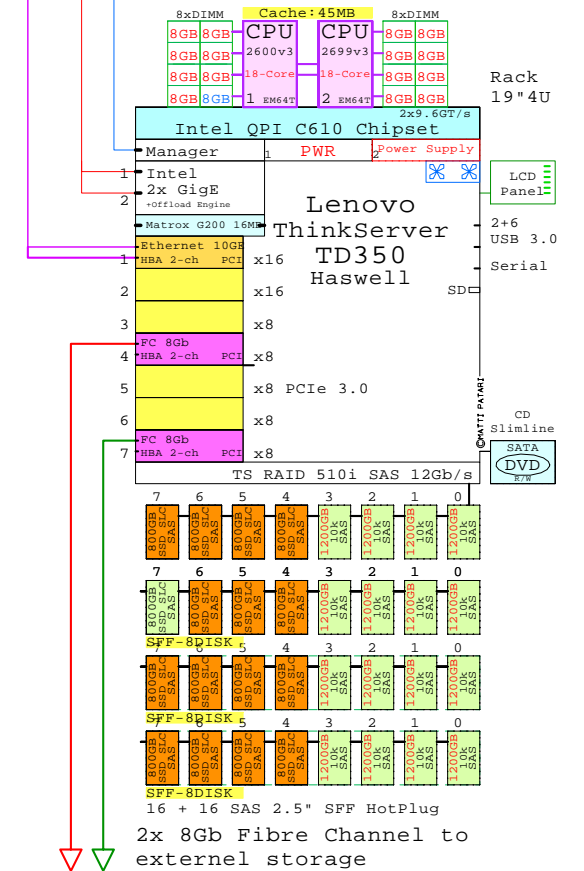
Internal Options:

- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-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-TD350-A



Parts list for the 2P 2x18-Core Lenovo TD350

Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
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-TD350-A	1	Lenovo TD350 2P 18C E5-2699v3 45MB 8GB 4
MEM-8GB	15	Memory 1x 8GB 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

2nd processor
2300MHz 145W
Cache 45MB

Manager RJ-45 10/100
2x RJ-45 10/100/1000
Matrox G200 8MB

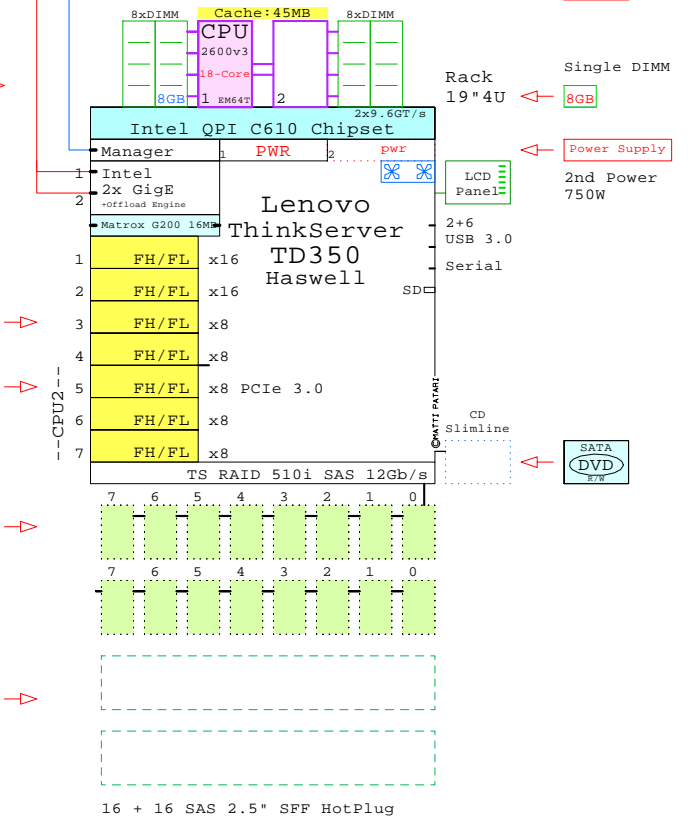
4+3 PCIe 3.0 slots
Ethernet 10Gb
HBA 2-ch PCI
FC 16Gb
HBA 2-ch PCI
RAID SAS
HBA 8-ch PCI

Hotplug Drives:
200...1200GB
SSD HDD

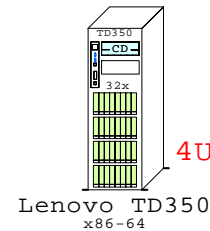
SFF-8DISK
HDD assembly

Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64 Max Memory
2300MHz 2P 18-Core LENOVO-TD350-A 24x 32GB=
768GB



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Matti.Patari@Kolumbus.fi		

Lenovo TD350 2P/4U E5-2699v3 2.3G
GOLDEN EGGS Visuals, Helsinki

Made by:
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Lenovo TD350 Intel E5-2699v3 2P/4U

Lenovo x3500 M5
Xeon E5-2699v3

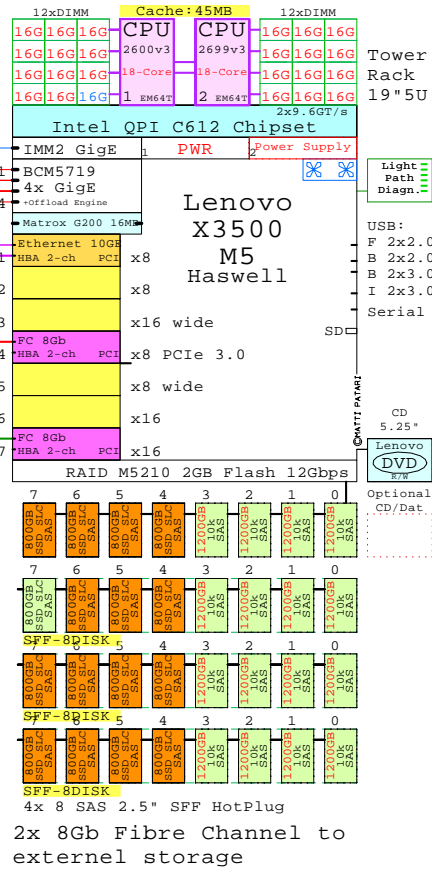
Internal Options:

- CPU** I-E5-2699v3
2699v3
18-Core
EM64T
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB** 8GB
Memory
1x DIMMs each
- MEM-16GB** 16GB
Memory
2x DIMMs each
- MEM-32GB** 32GB
Memory
4x DIMMs each
- 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

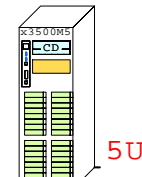
Example Configuration
x86-64

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



x3500 M5
x86-64

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

HotPlug Drives: SSD HDD

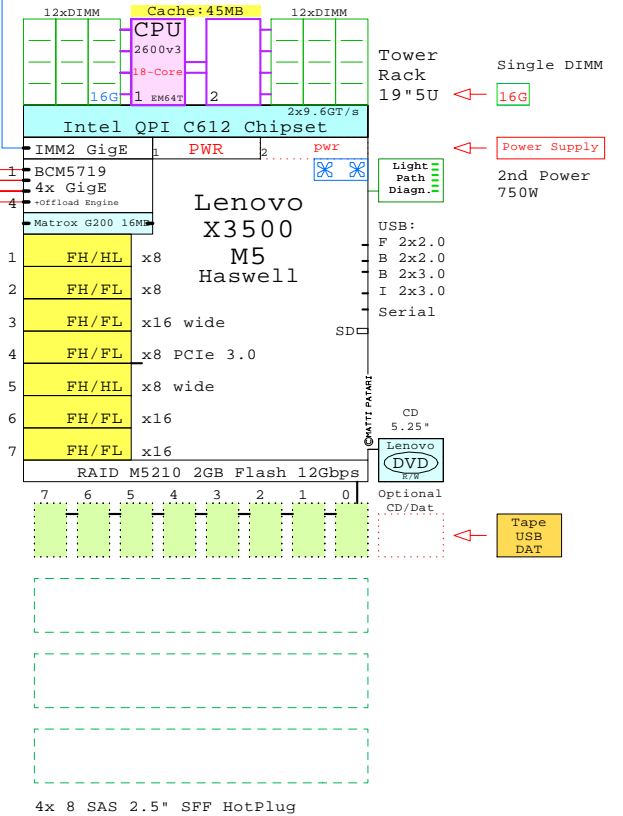
200...1200GB

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

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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

FUJITSU TX2560 M1
Xeon E5-2699v3

Internal Options:

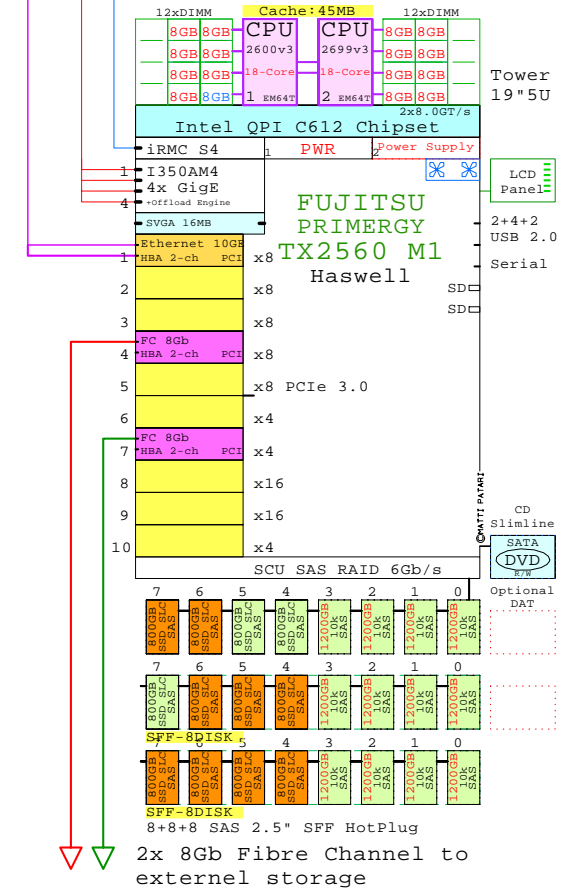
- CPU** I-E5-2699v3
2nd 18-Core
E5-2699v3 45MB
2300MHz 145W
- MEM-8GB**
Memory
1x DIMMs each
- MEM-16GB**
- MEM-32GB**
- POWER-2**
2nd Power 750W
- HDD-300GB**
300GB 10k SAS 2.5"
- HDD-600GB**
600GB 10k SAS 2.5"
- HDD-1200GB**
1200GB 10k SAS 2.5"
- SSD-200GB**
200GB SSD SAS 2.5"
- SSD-800GB**
800GB SSD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

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

Made by:
Matti.Patari@Kolumbus.FI

Example Configuration
x86-64

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core FUJI-TX2560M1



Parts list for the 2P 2x18-Core Fujitsu TX2560 M1

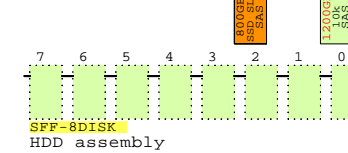
Part Number	Qty	Description
DVD-SATA	1	DVD SATA Slimline
FU-TX2560-M	1	Fuji TX2560-M1 2P 18-C E5-2699v3 45MB 8G
HDD-1200GB	12	Disk HDD 1200GB 2.5" SAS 10k hot-plug
I-E5-2699v3	1	Intel Xeon E5-2699-v3 18-Core 2.3GHz 45M
MEM-8GB	15	Memory 1x 8GB DIMM
PCI-10GbE	1	Ethernet 2x 10GbE PCI HBA
PCI-FC8	2	Fibre Channel 8Gb 2-ch PCI HBA
POWER-2	1	Additional power supply hot-plug
SFF-8DISK	2	Optional 8xHDD/SSD Disk enablement kit
SSD-800GB	12	Disk SSD 800GB 2.5" SAS SLC hot-plug

2nd processor
2300MHz 145W
Cache 45MB

iRMC S4 RJ-45 10/100/1000
4x RJ-45 10/100/1000
Matrox G200 8MB

10 PCIe 3.0 slots

HotPlug Drives:
200...1200GB

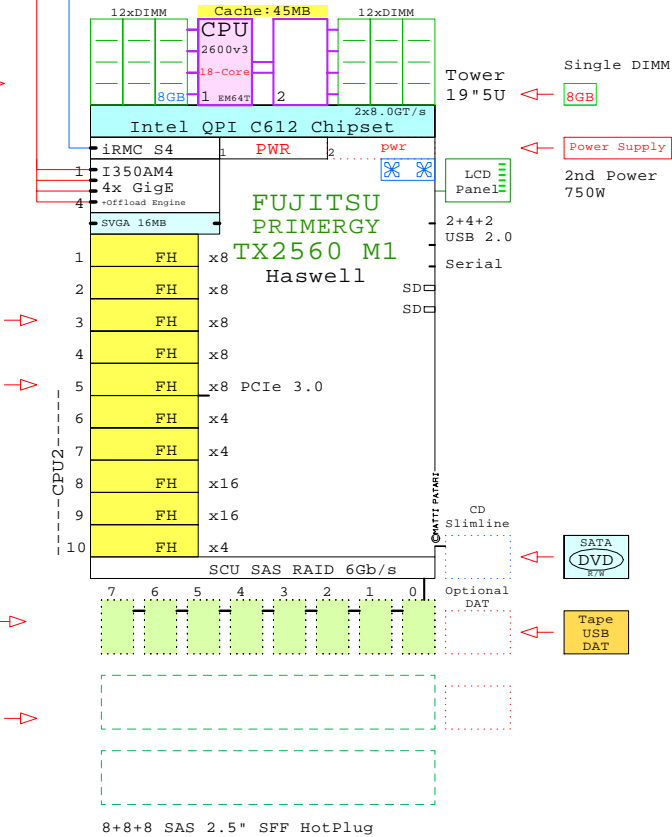


CPU
2699v3
18-Core
EM64T
18-Core

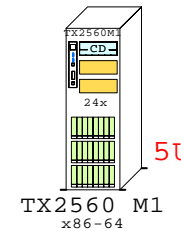
Haswell
2300MHz 18-Core

Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core FUJI-TX2560M1

Max Memory
24x 32GB=
768GB



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-TX2560M1-A.pdf>



MS Windows Server 2008
LINUX: Red Hat, SuSE

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GOLDEN EGGS Visuals™ Helsinki	01-Apr-2015	GE-FUJI-TX2560M1-A
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FUJITSU TX2560 M1 2P/5U E5-2699v3
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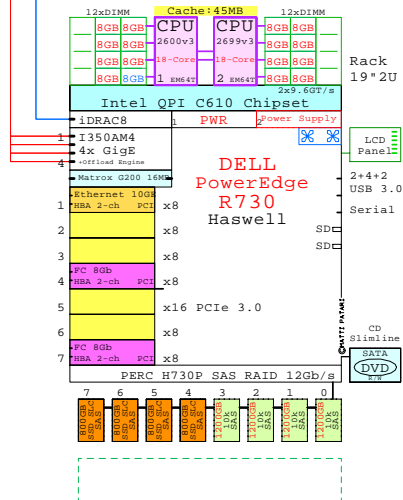
<http://www.goldeneggs.fi>

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

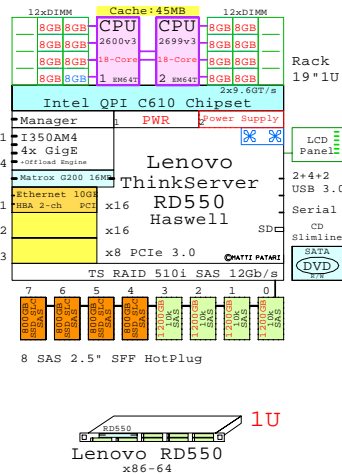
x86-64 servers: **Dell** **IBM** **HP** **Fujitsu** **SUN** **Acer** **Lenovo** and **Cisco**

4x Gigabit E
Remote Manager

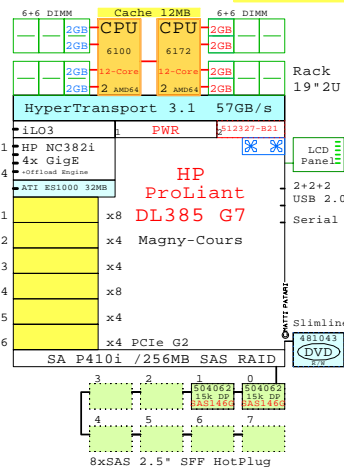
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **DELL-R730-A**



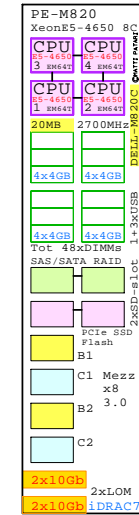
Intel Xeon E5-2699v3 x86-64
2300MHz 2P 18-Core **LENOVO-RD550-A**



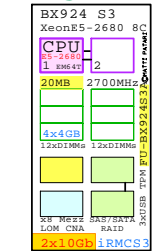
AMD Opteron 6172 x86-64
2100MHz 2P 12-Core **573088-421 EU**



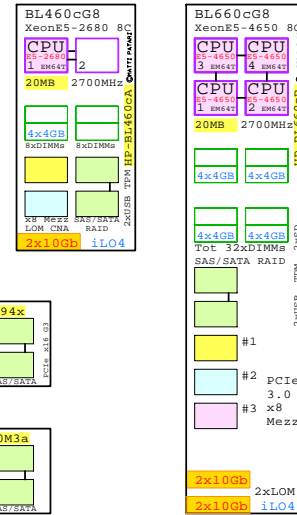
Dell Blades



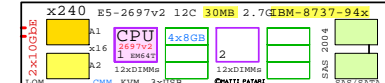
Fujitsu



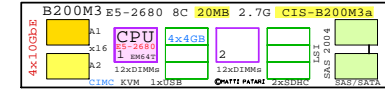
HP Blades



IBM Blades



Cisco Blades



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- <http://www.goldeneggs.fi/documents/GE-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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