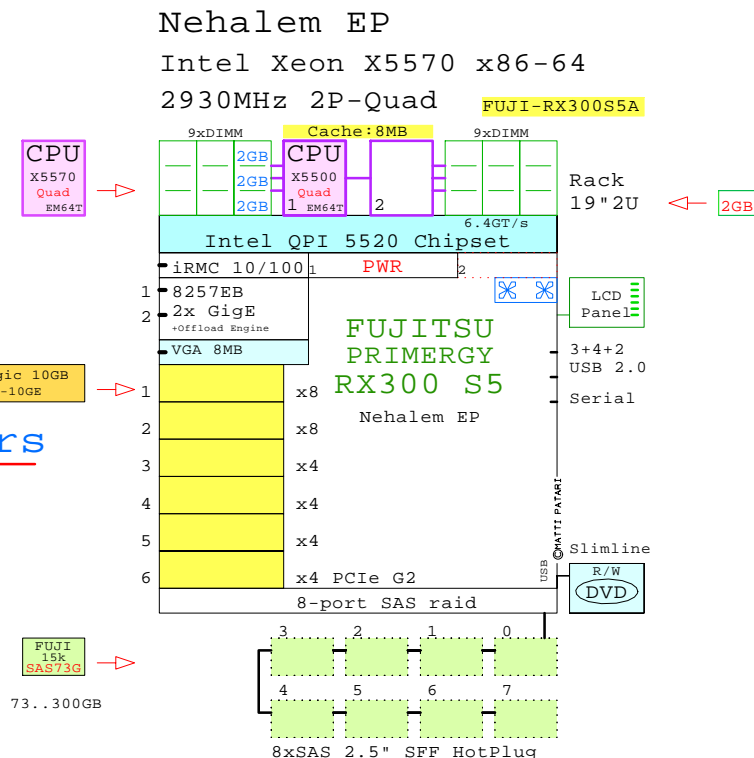


GOLDEN EGGS

Visual Cook Book for: Fujitsu X86-64 Servers

- 1 - Fujitsu Primergy Family Map
- Rack Servers:
 - 2 - RX200-S5 Intel Xeon 2P 1U
 - 3 - RX300-S5 Intel Xeon 2P 2U
 - 4 - RX600-S5 Intel Xeon 4P 4U
 - 5 - Rx900-S1 Intel Xeon 8P 8U
- Tower Servers:
 - 6 - TX200-S6 Intel Xeon 2P 5U
 - 7 - TX300-S6 Intel Xeon 2P 4U



Nehalem EP
 Intel Xeon X5570 x86-64
 2930MHz 2P-Quad

FUJI-RX300S5A

This is a collection of Fujitsu x86-64 servers. It is prepared for End-customers, Partners and Sales personnel. A picture talks all languages.

Created by:
 Matti.Patari@Kolumbus.Fi Helsinki

Tip for detail printing:
 - Zoom in area of interest
 - Print, Print Current View

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

GE-FUJI-BOOK-2011.pdf
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GOLDEN EGGS Visuals™ Helsinki	01-Jul-2011	GE-FUJI-X86B
	Matti.Patari@Kolumbus.Fi	

Fujitsu x86-64 Servers 2P 4P 8P

Fujitsu X86Server 2P 4P Intel AMD
 GOLDEN EGGS Visuals, Helsinki
First rev 05-Mar-2009

Fujitsu Primergy x86 Server Family

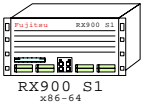
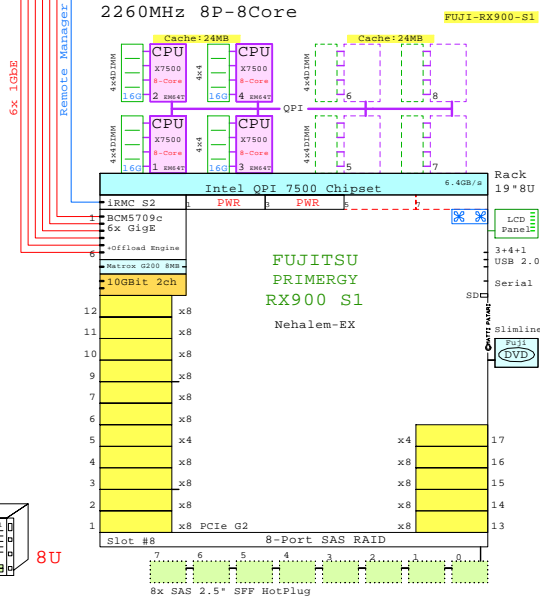
GE-link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-FAMILY-A.pdf>

Fujitsu Rack Servers

Xeon 8P-8U

Intel Xeon X7560 x86-64
2260MHz 8P-8Core

FUJI-EX900-S1

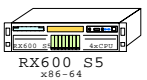
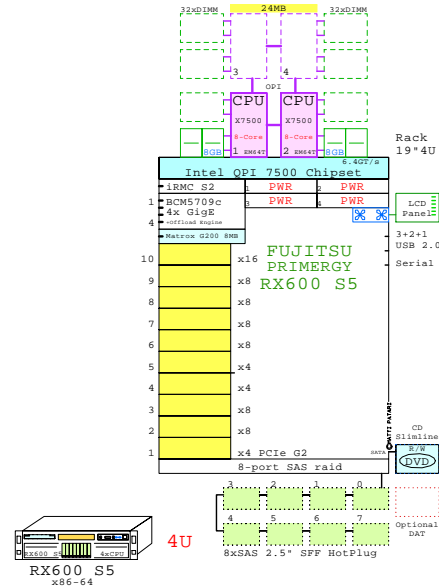


<http://www.goldeneggs.fi/documents/GE-FUJI-RX900S1-A.pdf>

Xeon 4P-4U

Intel Xeon X7560 x86-64
2260MHz 4P-8Core

FUJI-RX600-S5

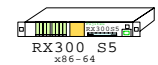
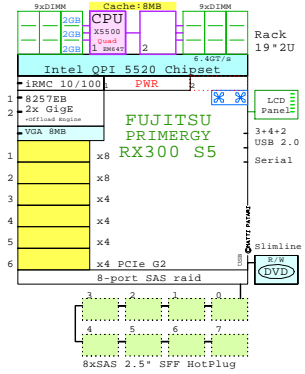


<http://www.goldeneggs.fi/documents/GE-FUJI-RX600S5-A.pdf>

Xeon 2P-2U

Intel Xeon X5570 x86-64
2930MHz 2P-Quad

FUJI-RX300S5A

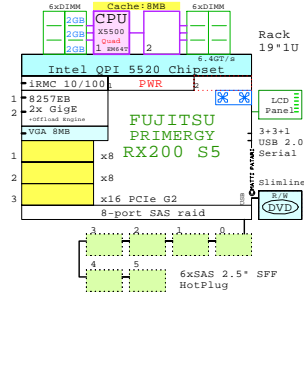


<http://www.goldeneggs.fi/documents/GE-FUJI-RX300S5-A.pdf>

Xeon 2P-1U

Intel Xeon X5570 x86-64
2930MHz 2P-Quad

FUJI-RX200S5A



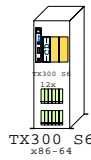
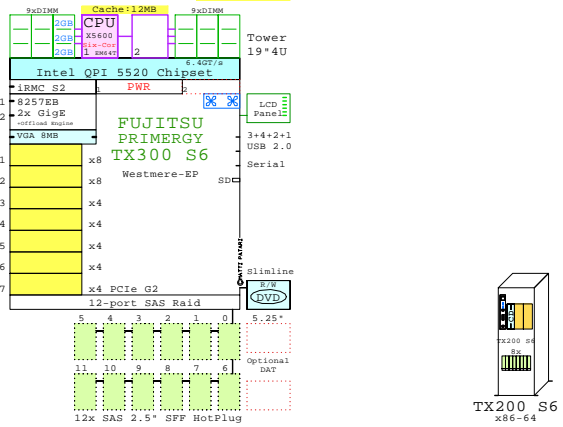
<http://www.goldeneggs.fi/documents/GE-FUJI-RX200S5-A.pdf>

Fujitsu Tower Servers

Xeon 2P-4U

Intel Xeon X5680 x86-64
3330MHz 2P-SixC

FUJI-TX300S6A

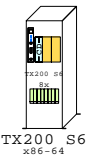
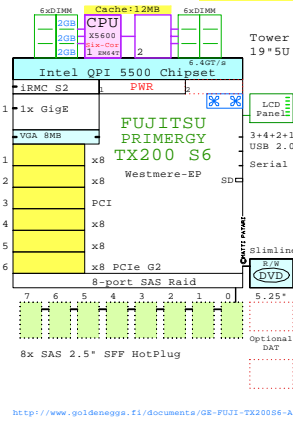


<http://www.goldeneggs.fi/documents/GE-FUJI-TX300S6-A.pdf>

Xeon 2P-5U

Intel Xeon X5670 x86-64
2930MHz 2P-SixC

FUJI-TX200S6A



<http://www.goldeneggs.fi/documents/GE-FUJI-TX200S6-A.pdf>

GE-links to other x86 families:
<http://www.goldeneggs.fi/documents/GE-DELL-FAMILY-A.pdf>
<http://www.goldeneggs.fi/documents/GE-IBM-FAMILY-A.pdf>
<http://www.goldeneggs.fi/documents/GE-HP-FAMILY-A.pdf>
<http://www.goldeneggs.fi/documents/GE-SUN-FAMILY-A.pdf>

Created by:
Matti.Patari@Kolumbus.Fi
Helsinki

Tip for detail printing:
 - Zoom in area of interest
 - Print, Print Current View

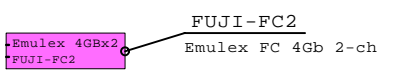
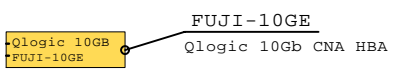
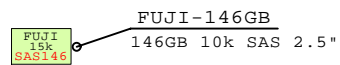
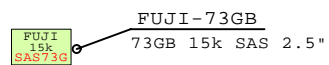
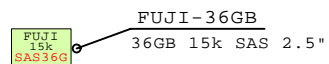
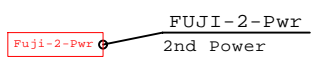
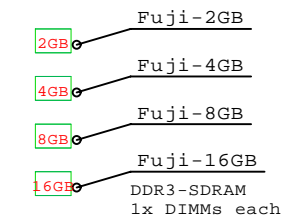
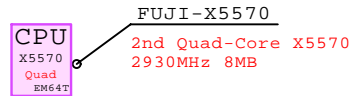
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Note:
 Link to TX200 S6
 GoldenEggs
 document

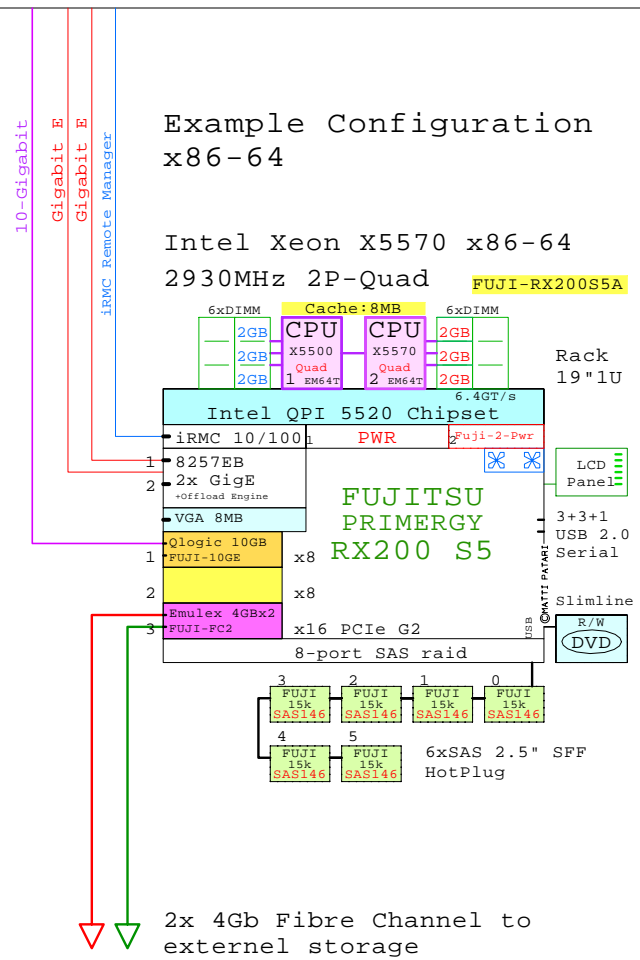
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GOLDEN EGGS Visuals™ Helsinki	30-Jan-2011	GE-FUJI-FAMILY-A
		Matti.Patari@Kolumbus.fi
Fujitsu x86 Server 8P,4P,2P Intel GOLDEN EGGS Visuals, Helsinki		

RX200 S5
Xeon 5500

Internal Options:



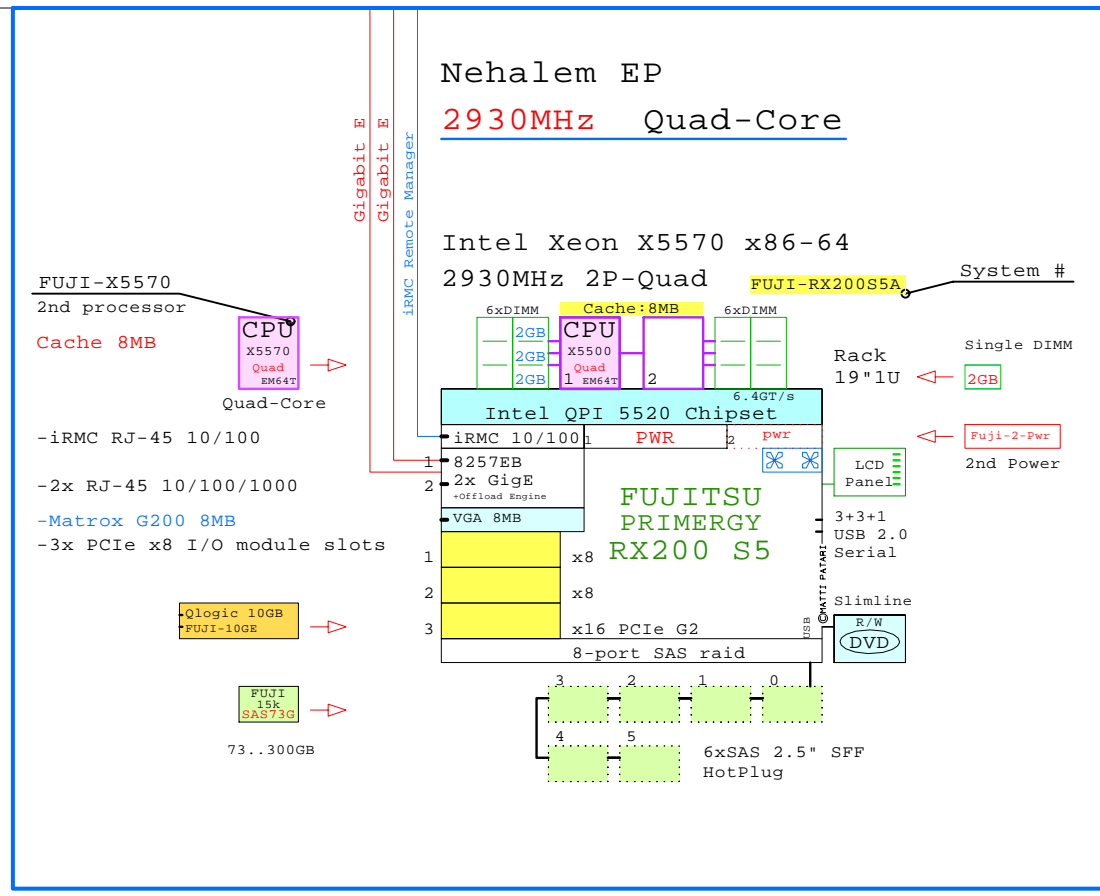
++ Plus many more std PCIe I/O modules...



2x 4Gb Fibre Channel to external storage

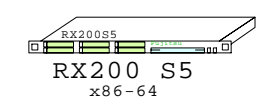
Example Configuration
x86-64

Intel Xeon X5570 x86-64
2930MHz 2P-Quad FUJI-RX200S5A



Nehalem EP
2930MHz Quad-Core

Intel Xeon X5570 x86-64
2930MHz 2P-Quad FUJI-RX200S5A



MS Windows Server 2003 and 2008
LINUX: Red Hat, SuSE
VMware Virtualization Software

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

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GOLDEN EGGS Visuals™ Helsinki	11-Mar-2010	GE-FUJI-RX200S5-A
		Matti.Patari@Goldeneggs.Fi

FUJITSU RX200S5 2P X5570 2930Mhz
GOLDEN EGGS Visuals, Helsinki

Parts list for the 2P Quad-Core Fujitsu RX200 S5 system above

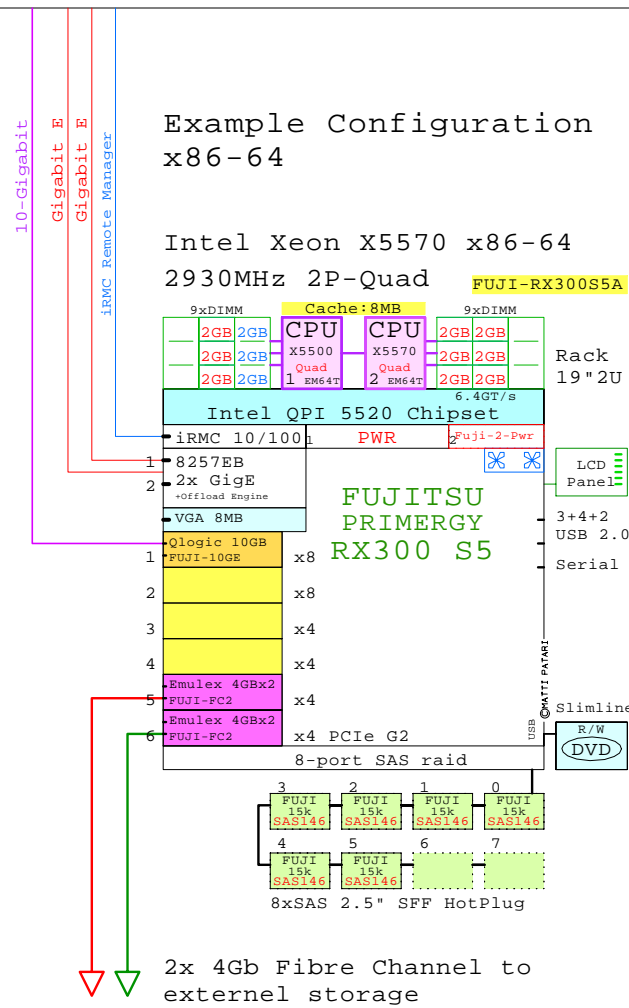
	Part Number	Qty	Description
1	FU-RX200S5A	1	Fuji RX200 S5 2P I QC X5570-8MB 6GB 1U
1.1	FUJI-10GE	1	FUJI Qlogic 10Gb CNA server adapter
1.2	FUJI-146GB	6	Fuji 146GB SAS 15000r HotPlug 2.5" disk
1.3	FUJI-2-Pwr	1	Fuji RX3xx second power supply
1.4	FUJI-2GB	3	Fuji 2GB Memory 2x1GB RX600 S4
1.5	FUJI-FC2	1	FUJI Emulex FC 4Gb 2-ch PCIe HBA
1.6	FUJI-X5570	1	Xeon QC X5570-8MB 2.93GHz for x3650M2

FUJITSU RX200 S5 Intel 5500 2P/1U

RX300 S5
Xeon 5500

Internal Options:

- FUJI-X5570**
2nd Quad-Core x5570
2930MHz 8MB
- Fuji-2GB**
- Fuji-4GB**
- Fuji-8GB**
- Fuji-16GB**
- DDR3-SDRAM**
1x DIMMs each
- FUJI-2-Pwr**
2nd Power
- FUJI-36GB**
36GB 15k SAS 2.5"
- FUJI-73GB**
73GB 15k SAS 2.5"
- FUJI-146GB**
146GB 10k SAS 2.5"



2x 4Gb Fibre Channel to external storage

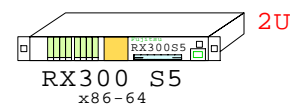
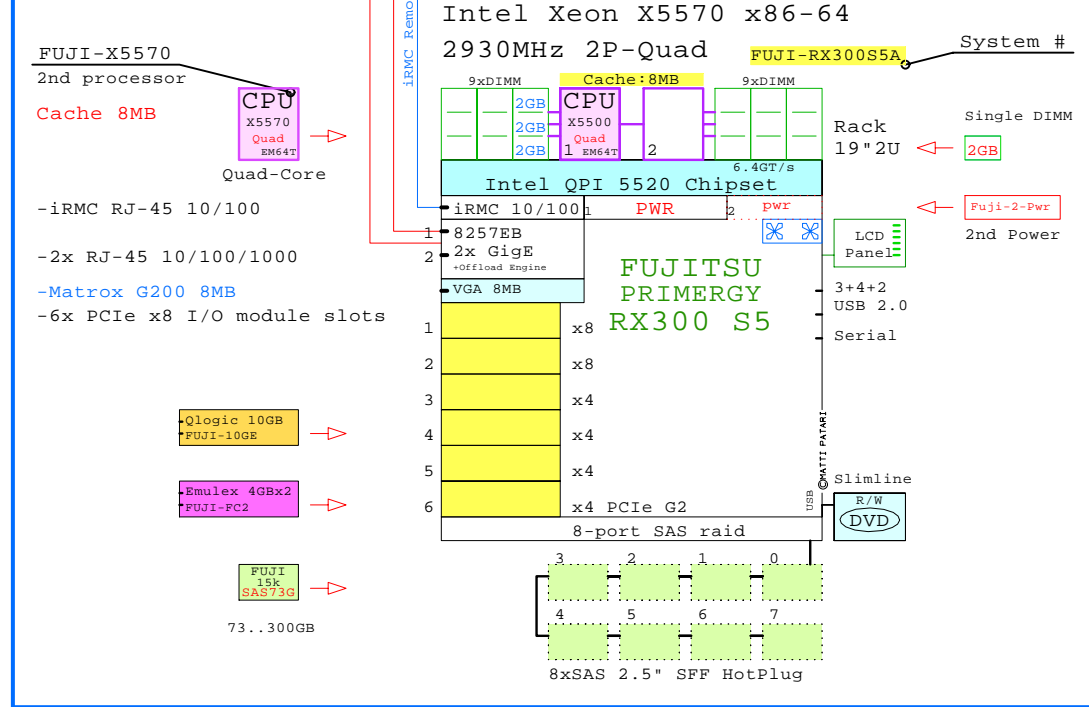
Parts list for the 2P Quad-Core Fujitsu RX300 S5 system above

Part Number	Qty	Description
1	1	FU-RX300S5A 1 Fuji RX300 S5 2P I QC X5570-8MB 6GB 2U
1.1	1	FUJI-10GE 1 FUJI Qlogic 10Gb CNA server adapter
1.2	6	FUJI-146GB 6 Fuji 146GB SAS 15000r HotPlug 2.5\"/>

- FUJI-10GE**
Qlogic 10Gb CNA HBA
- FUJI-FC2**
Emulex FC 4Gb 2-ch

++ Plus many more std PCIe I/O modules...

Nehalem EP
2930MHz Quad-Core



MS Windows Server 2003 and 2008
LINUX: Red Hat, SuSE
VMware Virtualization Software

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

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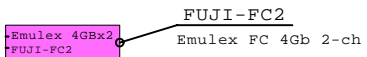
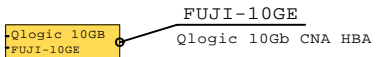
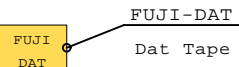
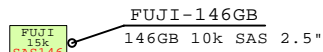
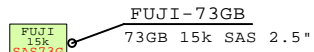
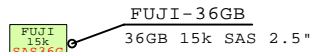
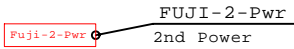
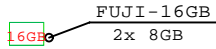
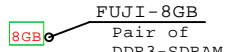
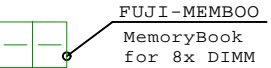
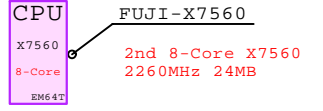
GOLDEN EGGS Visuals™ Helsinki	11-Mar-2010	GE-FUJI-RX300S5-A
	Matti.Patari@Goldeneggs.Fi	

FUJITSU RX300 S5 Intel 5500 2P/2U

FUJITSU RX300S5 2P X5570 2930Mhz
GOLDEN EGGS Visuals, Helsinki

RX600 S5
Xeon 7500

Internal Options:



++ Plus many more std PCIe I/O modules...

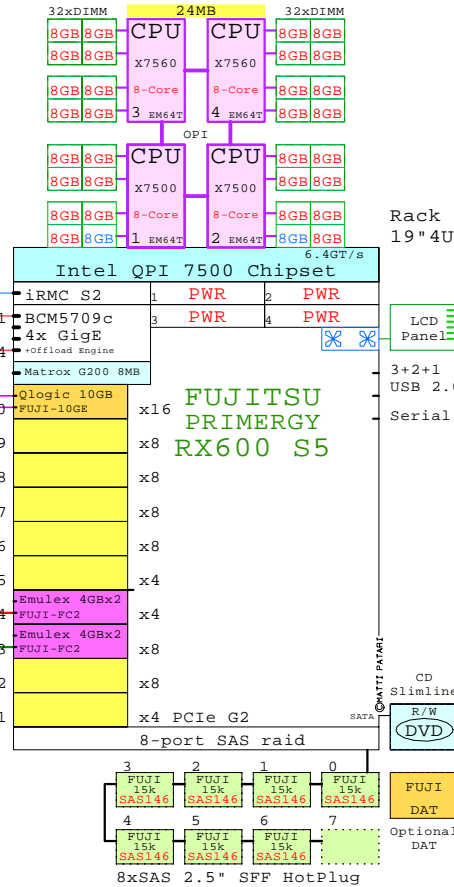
MS Windows Server 2003 and 2008
LINUX: Red Hat, SuSE
VMware Virtualization Software

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

2x 10-Gigabit Remote Manager
4x Gigabit E
2x 4Gb Fibre Channel to external storage

Example Configuration
x86-64

Intel Xeon X7560 x86-64
2260MHz 4P-8Core **FUJI-RX600-S5**

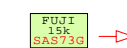
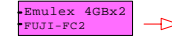
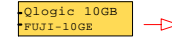
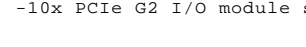
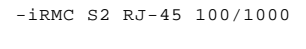
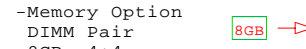
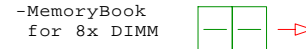
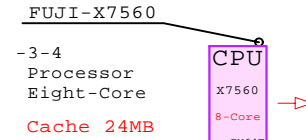


Parts list for the 4P 8-Core Fujitsu RX600 S5

Part Number	Qty	Description
FUJI-10GE	1	FUJI Qlogic 10Gb CNA server adapter
FUJI-146GB	7	Fuji 146GB SAS 15000r HotPlug 2.5\"
FUJI-8GB	30	Fuji 8GB Memory 2x4GB RX600 S4
FUJI-DAT	1	Fujitsu SATA DAT Tape Drive
FUJI-FC2	2	FUJI Emulex FC 4Gb 2-ch PCIe HBA
FUJI-MEMBOO	6	Fujitsu Memory Expansion Book
FUJI-RX600S	1	Fuji RX600-S5 4P 8-C X7560 24MB 16GB 4U
FUJI-X7560	2	FUJI Xeon X7560 8-Core 2.26GHz 24MB Proc

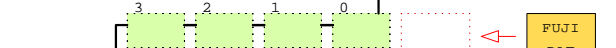
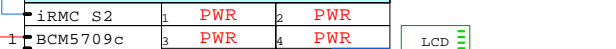
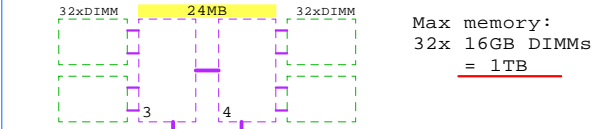
Nehalem EX
2260MHz Eight-Core

Intel Xeon X7560 x86-64 System #
2260MHz 4P-8Core **FUJI-RX600-S5**



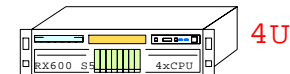
73..300GB

4x Gigabit E Remote Manager



73..300GB

Max memory:
32x 16GB DIMMs
= 1TB



RX600 S5
x86-64

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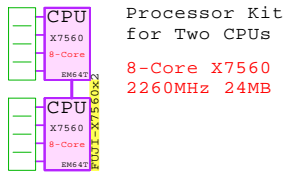
GOLDEN EGGS Visuals™ Helsinki	23-Apr-2010	GE-FUJI-RX600S5-A
	Matti.Patari@Goldeneggs.Fi	

FUJITSU RX600 S5 4P X7560 2260Mhz
GOLDEN EGGS Visuals, Helsinki

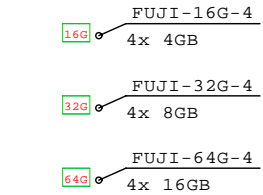
FUJITSU RX600 S5 Intel 7500 4P/4U

RX900 S1
Xeon X7560

Internal Options:



Memory Option
Four DIMMs
16GB =4x4GB



FUJI-1-PWR
Power Supply, Need Two

FUJI-73GB
73GB 15k SAS 2.5"

FUJI-146GB
146GB 15k SAS 2.5"

FUJI-300GB
300GB 10k SAS 2.5"

FUJI-64G-SS
64GB SSD SAS 2.5"

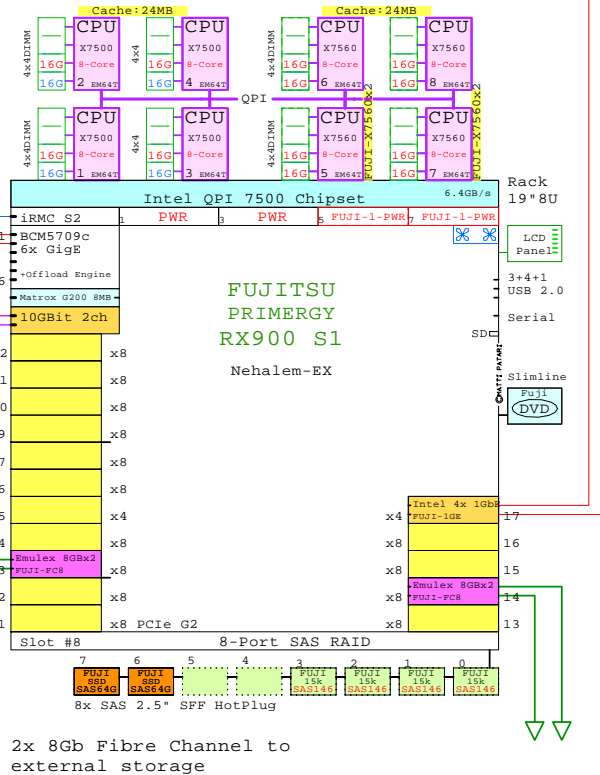
FUJI-1GE
Intel 4x1GbE

FUJI-10GE
Intel 2x10GbE

FUJI-FC8
Emulex 2xFC8

Example Configuration
x86-64

Intel Xeon X7560 x86-64
2260MHz 8P-8Core



Parts list for this 8P 8U Eight-Core RX900 S1

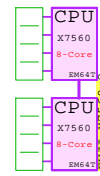
Part Number	Qty	Description
FUJI-1-PWR	2	FUJI RX900 S1 Power supply, need 2x
FUJI-146GB	4	Fuji 146GB SAS 15000r HotPlug 2.5" disk
FUJI-16G-4	12	Fuji 16GB Memory 4x4GB RX900 S1
FUJI-1GE	1	FUJI 1000PT 4x 1GbE server adapter
FUJI-64G-SS	2	Fuji 64GB SAS SSD hot-plug disk 2.5"
FUJI-FC8	2	FUJI Emulex FC 8Gb 2-ch PCIe HBA
FUJI-RX900S	1	Fuji RX900-S1 8P 8-C X7560 24MB 64GB 8U
FUJI-X7560x	2	FUJI 2x Xeon X7560 8-Core 2.26GHz 24MB K

FUJITSU RX900 S1 Intel Eight-Core X7500 8P/8U

-Memory Option
Four DIMMs
16GB =4x4GB



-Processor Kit for Two CPUs



-iRMC S2 RJ-45 100/1000

-Six RJ-45 100/1000

-Matrox G200 8MB

-10GbE 2ch

-17x PCIe G2 I/O slots

PCIe HBA

Intel 2x10GbE
FUJI-10GE

Emulex 8GbX2
FUJI-FC8

SSD 64GB

FUJI 64G
SAS64G

FUJI 15k
SAS146

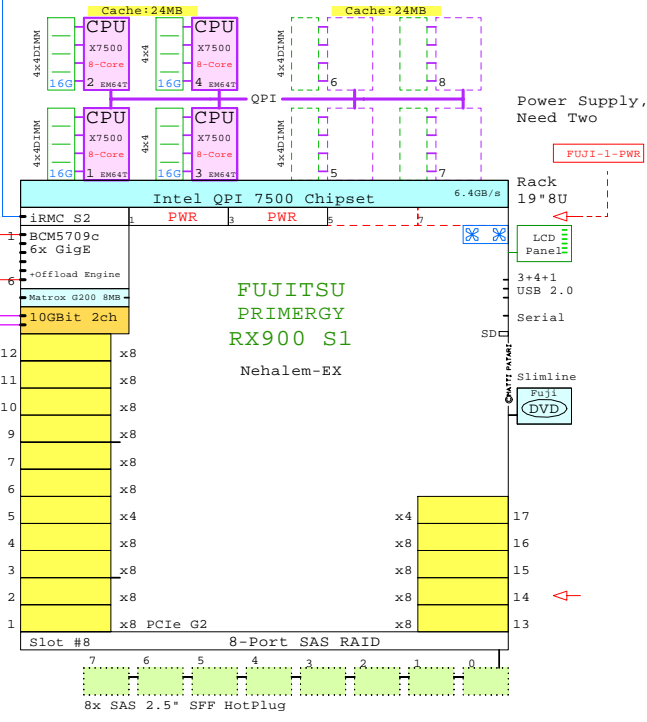
HDD 73...300GB

Nehalem-EX

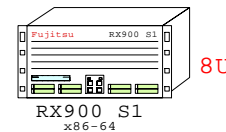
2260MHz Eight-Core 8-Sockets

MAX Memory
128x 16GB
= 2TB

Intel Xeon X7560 x86-64
2260MHz 8P-8Core



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-RX900S1-A.pdf>



MS Windows Server 2003 and 2008 R2
LINUX: Red Hat, SuSE
VMware Virtualization Software
Hyper-V

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

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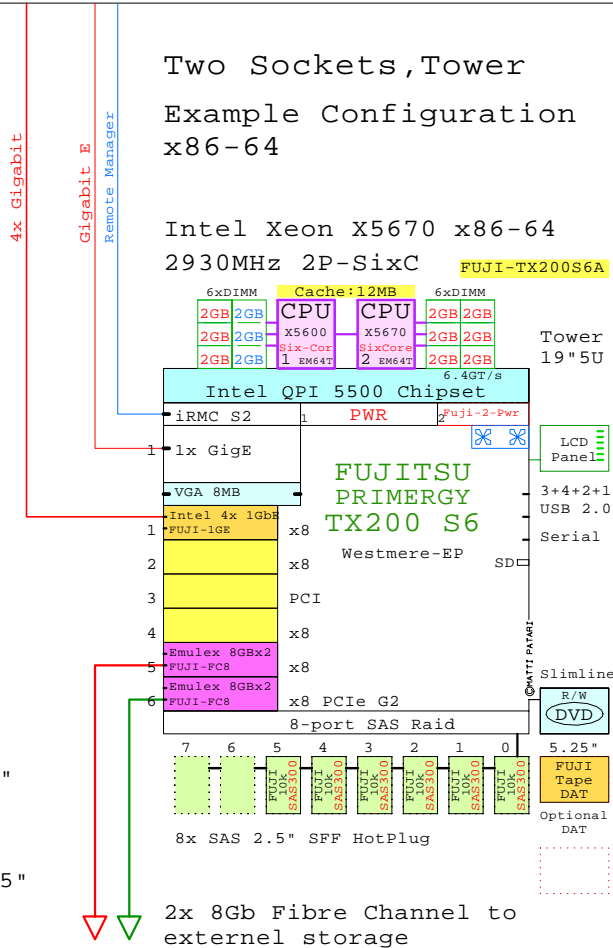
GOLDEN EGGS Visuals™ Helsinki	01-Nov-2010	GE-FUJI-RX900S1-A
	Matti.Patari@Kolumbus.Fi	

FUJITSU RX900 S1 X7560 2260MHz
GOLDEN EGGS Visuals, Helsinki

TX200 S6
Xeon 5600

Internal Options:

- FUJI-X5670**
CPU X5670 2nd Six-Core X5670 2930MHz 12MB SixCore EM64T
- Fuji-2GB**
2GB
- Fuji-4GB**
4GB
- Fuji-8GB**
8GB
- Fuji-16GB**
16GB
- DDR3-SDRAM 1x DIMMs each
- FUJI-2-Pwr**
Fuji-2-Pwr 2nd Power
- FUJI-73GB**
FUJI 15k SAS73G 73GB 15k SAS 2.5"
- FUJI-146GB**
FUJI 15k SAS146 146GB 15k SAS 2.5"
- FUJI-300GB**
FUJI 10k SAS300 300GB 10k SAS 2.5"
- FUJI-64G-SS**
FUJI 80k SAS64G 64GB SSD SAS 2.5"
- FUJI-DAT**
FUJI Tape DAT DAT Tape
- FUJI-1GE**
Intel 4x1GbE Intel 4x1GbE FUJI-1GE
- FUJI-10GE**
Intel 2x10GbE Intel 2x10GbE FUJI-10GE
- FUJI-FC8**
Emulex 8GBx2 FUJI-FC8 Emulex 2xFC8

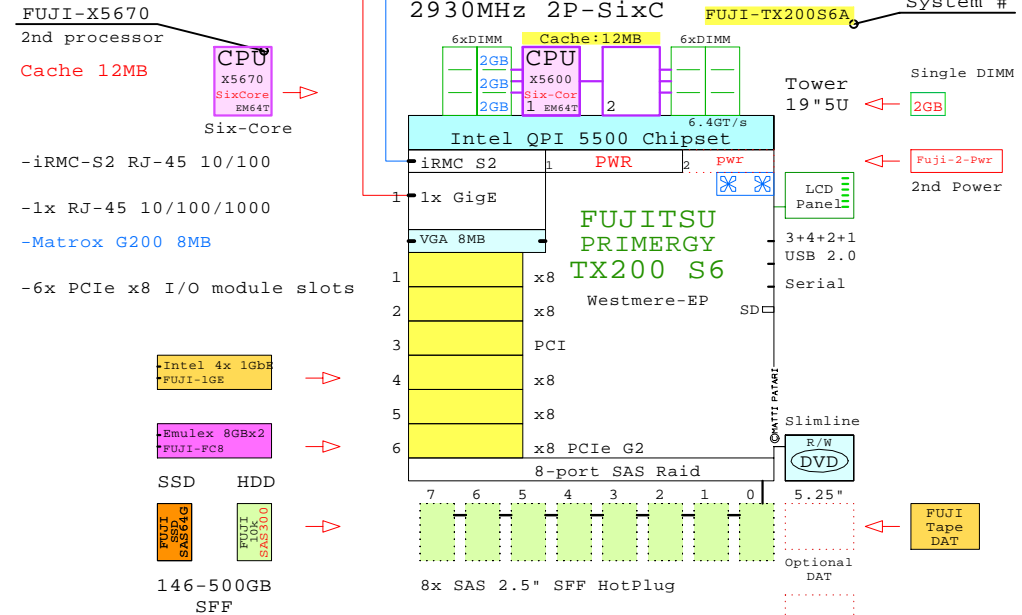


Parts list for this 2P Six-Core Fujitsu TX200 S6 system

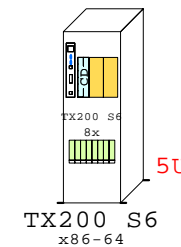
Part Number	Qty	Description
1	FU-TX200S6A	1 Fuji TX200 S6 2P I 6C X5670-12MB 6GB 5U
1.1	FUJI-1GE	1 FUJI 1000PT 4x 1GbE server adapter
1.2	FUJI-2-Pwr	1 Fuji RX3xx second power supply
1.3	FUJI-2GB	9 Fuji 2GB Memory 2x1GB RX600 S4
1.4	FUJI-300GB	6 Fuji 300GB SAS 10000r HotPlug 2.5" disk
1.5	FUJI-DAT	1 Fujitsu SATA DAT Tape Drive
1.6	FUJI-FC8	2 FUJI Emulex FC 8Gb 2-ch PCIe HBA
1.7	FUJI-X5670	1 Xeon 6C X5670-12MB 2.93GHz for TX200S6

FUJITSU TX200 S6 Intel 5600 2P/5U

Westmere-EP
2930MHz Six-Core



Link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-TX200S6-A.pdf>



TX200 S6
x86-64

MS Windows Server 2003 and 2008
LINUX: Red Hat, SuSE
VMware Virtualization Software

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

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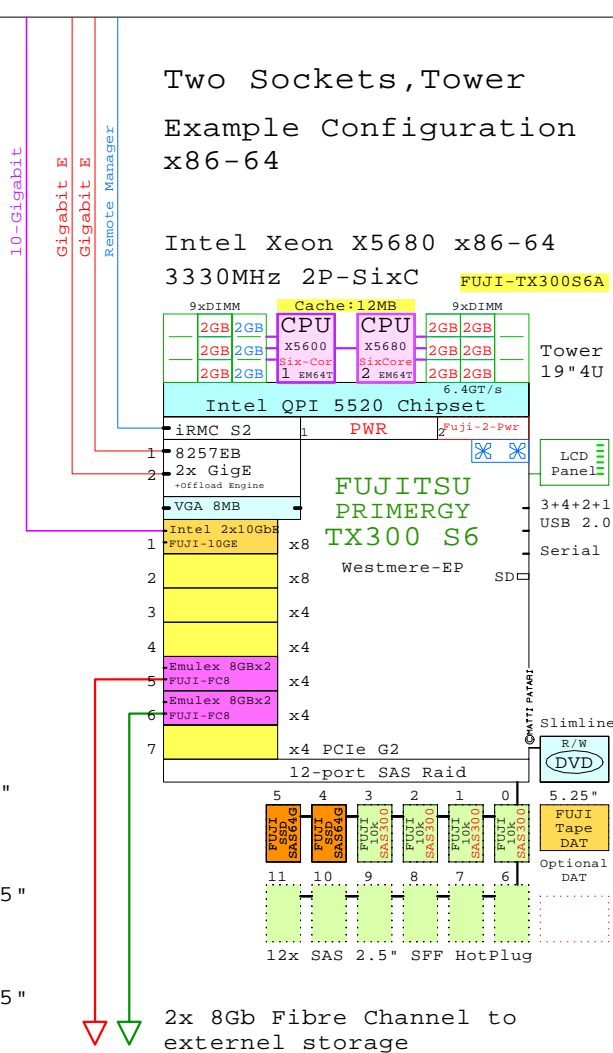
GOLDEN EGGS Visuals™ Helsinki	21-Dec-2010	GE-FUJI-TX200S6-A Matti.Patari@Kolumbus.Fi
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FUJITSU TX200S6 2P X5670 2930Mhz
GOLDEN EGGS Visuals, Helsinki

TX300 S6
Xeon 5600

Internal Options:

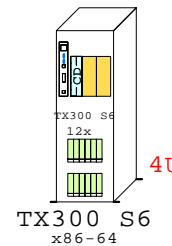
- FUJI-X5680**
CPU X5680 SixCore EM64T
2nd Six-Core X5680
3330MHz 12MB
- Fuji-2GB**
2GB
- Fuji-4GB**
4GB
- Fuji-8GB**
8GB
- Fuji-16GB**
16GB
- DDR3-SDRAM
1x DIMMs each
- FUJI-2-Pwr**
Fuji-2-Pwr
2nd Power
- FUJI-73GB**
FUJI 15k SAS73G
73GB 15k SAS 2.5"
- FUJI-146GB**
FUJI 15k SAS146
146GB 15k SAS 2.5"
- FUJI-300GB**
FUJI 10k SAS300
300GB 10k SAS 2.5"
- FUJI-64G-SS**
FUJI 80k SAS64G
64GB SSD SAS 2.5"
- FUJI-DAT**
FUJI Tape DAT
DAT Tape
- FUJI-1GE**
Intel 4x 1GbE
FUJI-1GE
- FUJI-10GE**
Intel 2x10GbE
FUJI-10GE
- FUJI-FC8**
Emulex 8GBx2
FUJI-FC8
Emulex 2xFC8



2x 8Gb Fibre Channel to external storage

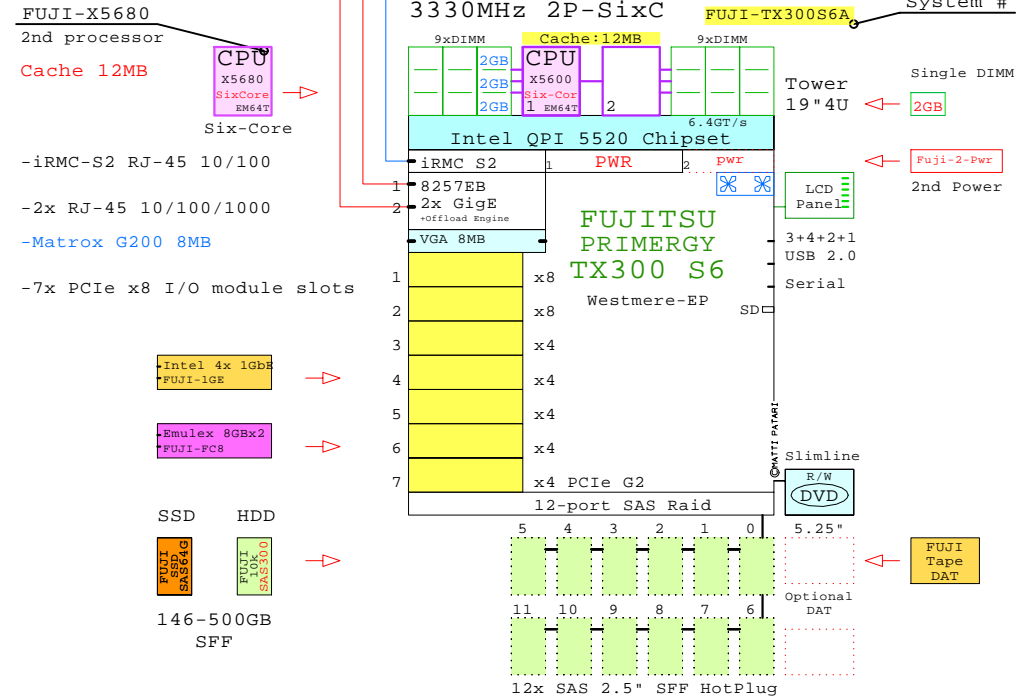
Parts list for this 2P Six-Core Fujitsu TX300 S6 system

Part Number	Qty	Description
1	1	FU-TX300S6A 1 Fuji TX300 S6 2P I 6C X5680-12MB 6GB 4U
1.1	1	FUJI-10GE 1 FUJI Intel 2x 10GbE server adapter
1.2	1	FUJI-2-Pwr 1 Fuji RX3xx second power supply
1.3	9	FUJI-2GB 9 Fuji 2GB Memory 2x1GB RX600 S4
1.4	4	FUJI-300GB 4 Fuji 300GB SAS 10000r HotPlug 2.5" disk
1.5	2	FUJI-64G-SS 2 Fuji 64GB SAS SSD hot-plug disk 2.5"
1.6	1	FUJI-DAT 1 Fujitsu SATA DAT Tape Drive
1.7	2	FUJI-FC8 2 FUJI Emulex FC 8Gb 2-ch PCIe HBA
1.8	1	FUJI-X5680 1 Xeon 6C X5680-12MB 3.33GHz for TX300S6



FUJITSU TX300 S6 Intel 5600 2P/4U

Westmere-EP
3330MHZ Six-Core



Link to this document: <http://www.goldeneggs.fi/documents/GE-FUJI-TX300S6-A.pdf>

MS Windows Server 2003 and 2008
LINUX: Red Hat, SuSE
VMware Virtualization Software

Tip for detail printing:
- Zoom in area of interest
- Print, Print Current View

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GOLDEN EGGS Visuals™ Helsinki	21-Dec-2010	GE-FUJI-TX300S6-A Matti.Patari@Kolumbus.Fi
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FUJITSU TX300S6 2P X5680 3330Mhz
GOLDEN EGGS Visuals, Helsinki

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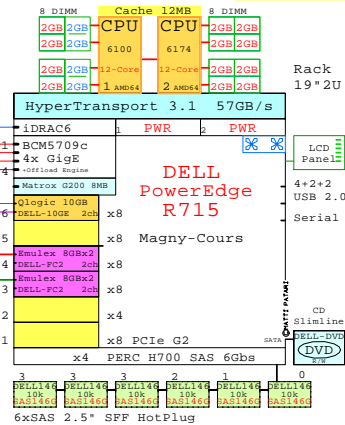
<http://www.goldeneggs.fi>

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

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

AMD Opteron 6174 x86-64

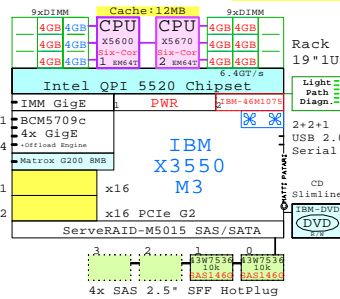
2200MHz 2P 12-Cor **DELL-R715-Axx**



2x 8Gb Fibre Channel to external storage

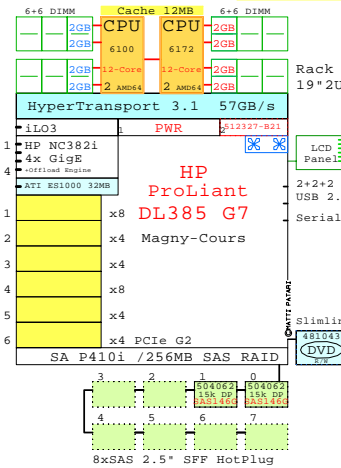
Intel Xeon X5670 x86-64

2930MHz 2P-Six-C **IBM-7944-M2x**



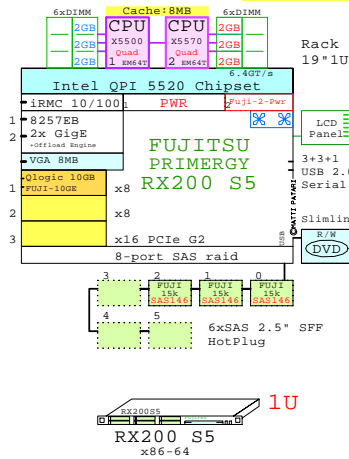
AMD Opteron 6172 x86-64

2100MHz 2P 12-Cor **573088-421 EU**



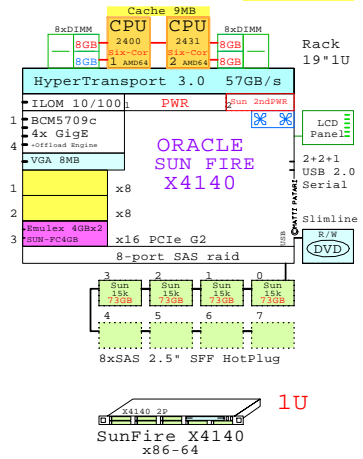
Intel Xeon X5570 x86-64

2930MHz 2P-Quad **FUJII-RX200S5A**



AMD Opteron 2431 x86-64

2400MHz 2P Six-C **SUN-X4140-B**



The present GoldenEggs multi vendor x86-64 website.

<http://www.goldeneggs.fi>

Older GoldenEggs are still available at:

DEC/Compaq/HP: VAX, Alpha, Storage and ProLiant Servers.

<http://h18000.www1.hp.com/info/GECPQA/>

OpenVMS.org: Alpha, Storage, ProLiant and Itanium Servers

<http://www.openvms.org/pages.php?page=GoldenEggs>

Matti.Patari@Kolumbus.Fi Helsinki,Finland

Your comments,improvements,are welcome.

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- <http://www.goldeneggs.fi/documents/GE-COMPARE-4P-4U-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMPARE-8P-8U-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMPARE-TOWER-A.pdf>

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