

GOLDEN EGGS

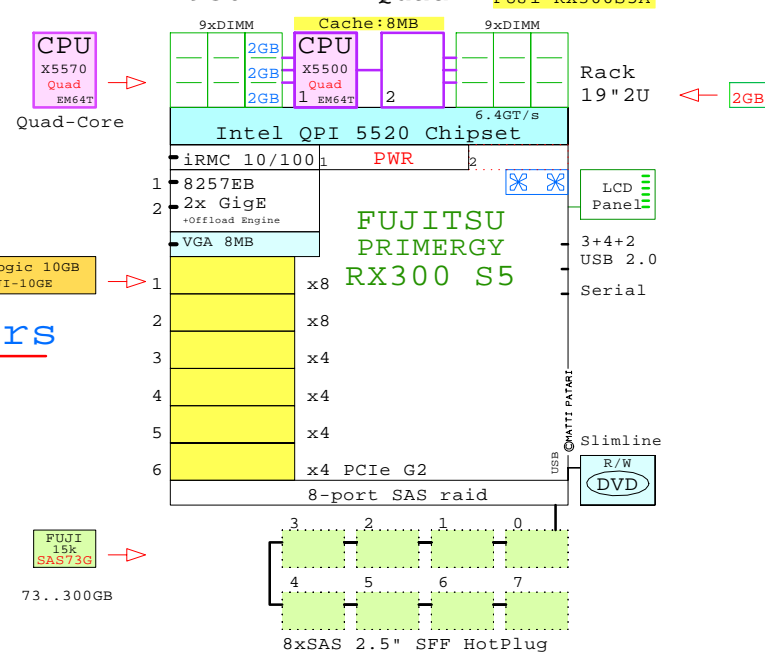
Visual Cook Book for: Fujitsu X86-64 Servers

- 1 - Front Page
- 2 - Fujitsu Primergy Family Map
- 3 - RX200 S5 Intel Xeon 2P 1U
- 4 - RX300 S5 Intel Xeon 2P 2U

- 5 - RX300 S4 Intel Xeon 2P 2U
- 6 - RX330 S1 AMD Opteron 2P 2U
- 7 - RX600 S4 Intel Xeon 4P 4U

Nehalem EP

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



This document is a collection of Fujitsu x86 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-X86-11-Mar-2010.pdf

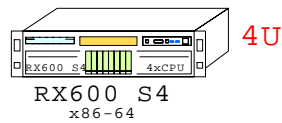
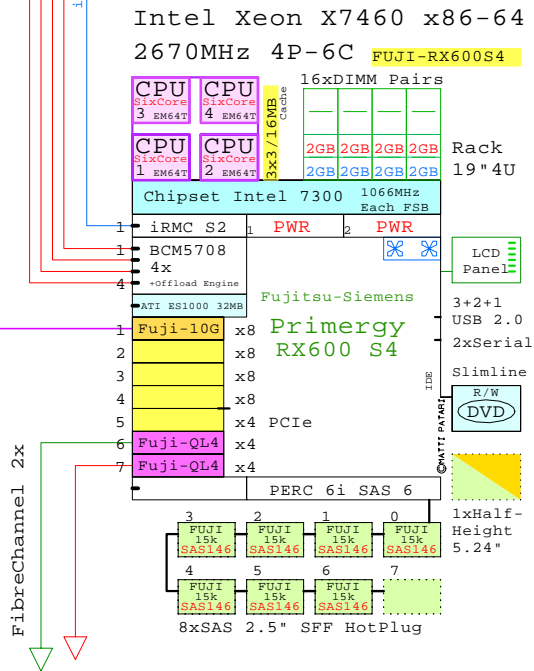
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GOLDEN EGGS Visuals™ Helsinki	11-Mar-2010	GE-FUJI-X86A
	Matti.Patari@Kolumbus.Fi	

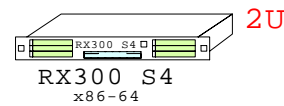
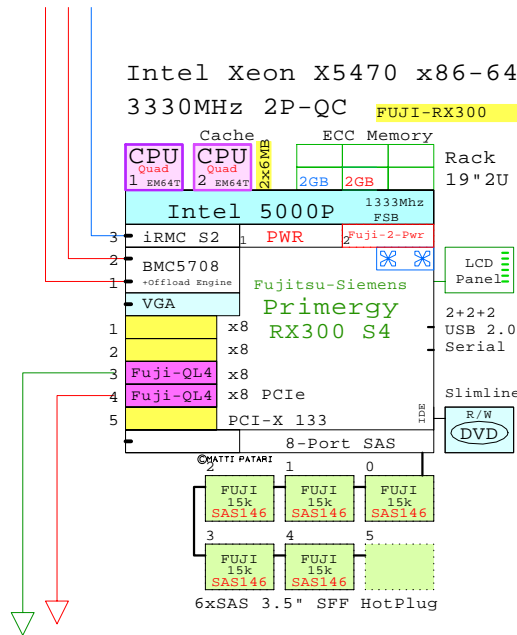
Fujitsu X86Server 2P 4P Intel AMD
GOLDEN EGGS Visuals, Helsinki

10-Gigabit
Gigabit E
iRMC Remote Manager

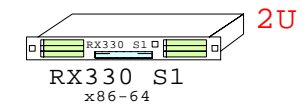
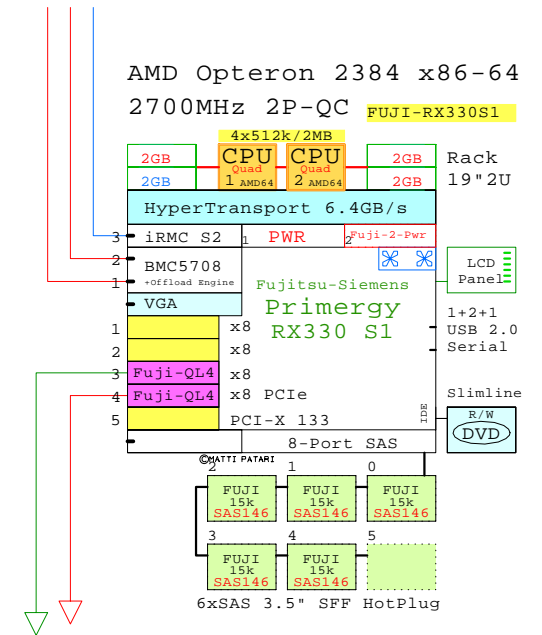
Xeon 4P 4U



Xeon 2P 2U



Opteron 2P 2U



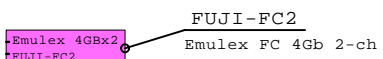
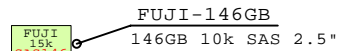
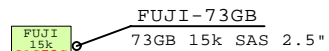
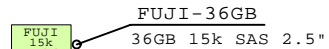
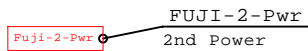
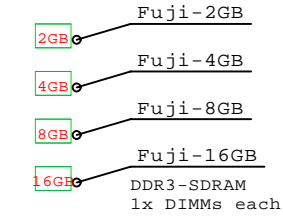
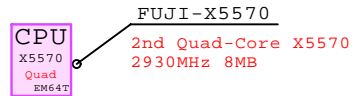
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RX200 S5
Xeon 5500

Internal Options:

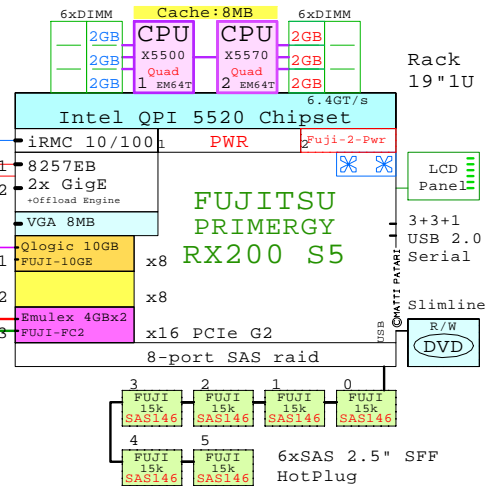


++ Plus many more std PCIe I/O modules...

10-Gigabit
Gigabit E
Gigabit E
iRMC Remote Manager

Example Configuration
x86-64

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



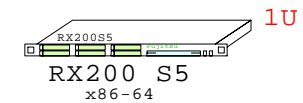
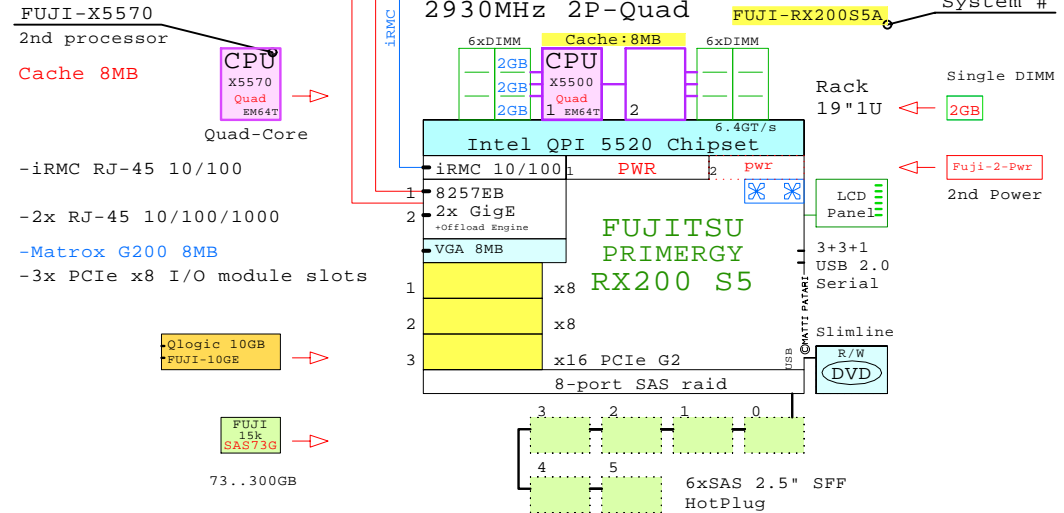
2x 4Gb Fibre Channel to external storage

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

Nehalem EP
2930MHz Quad-Core

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



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

Tip for detail printing:
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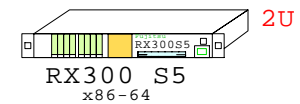
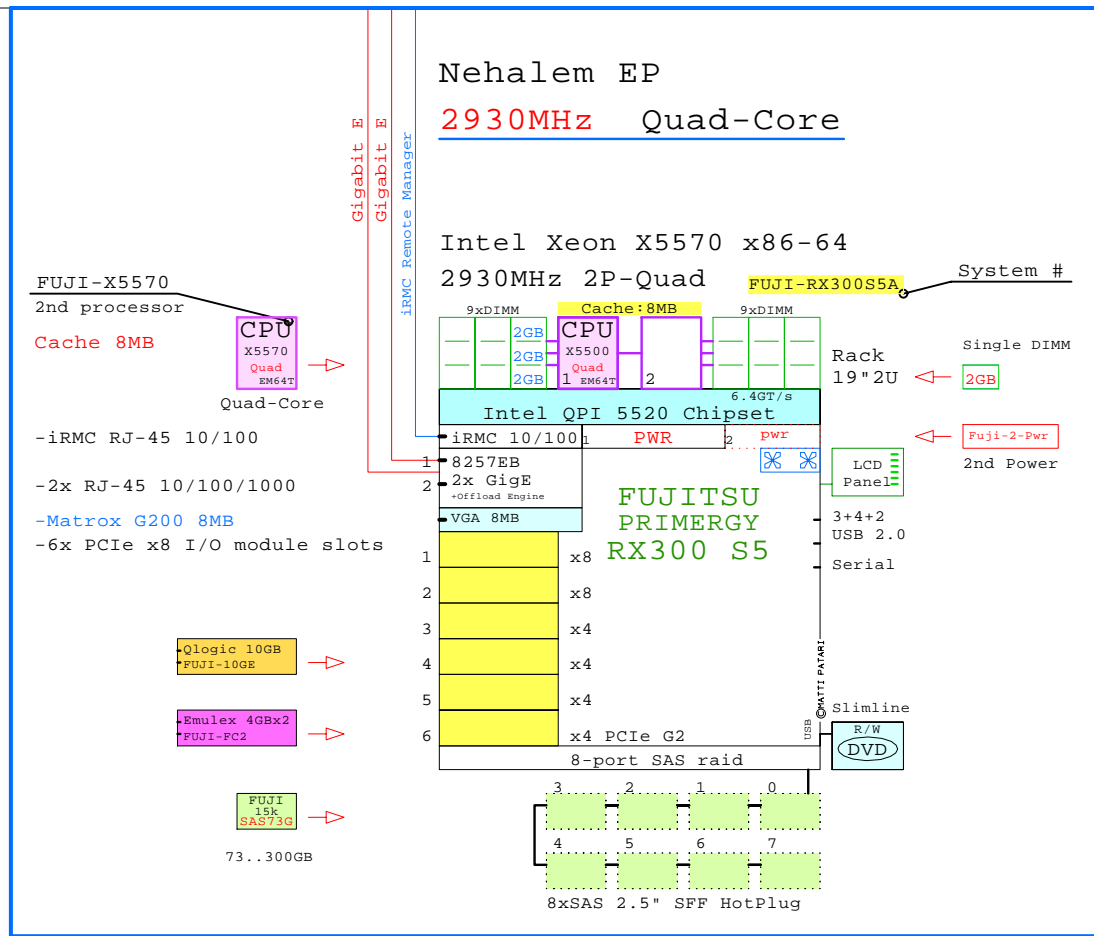
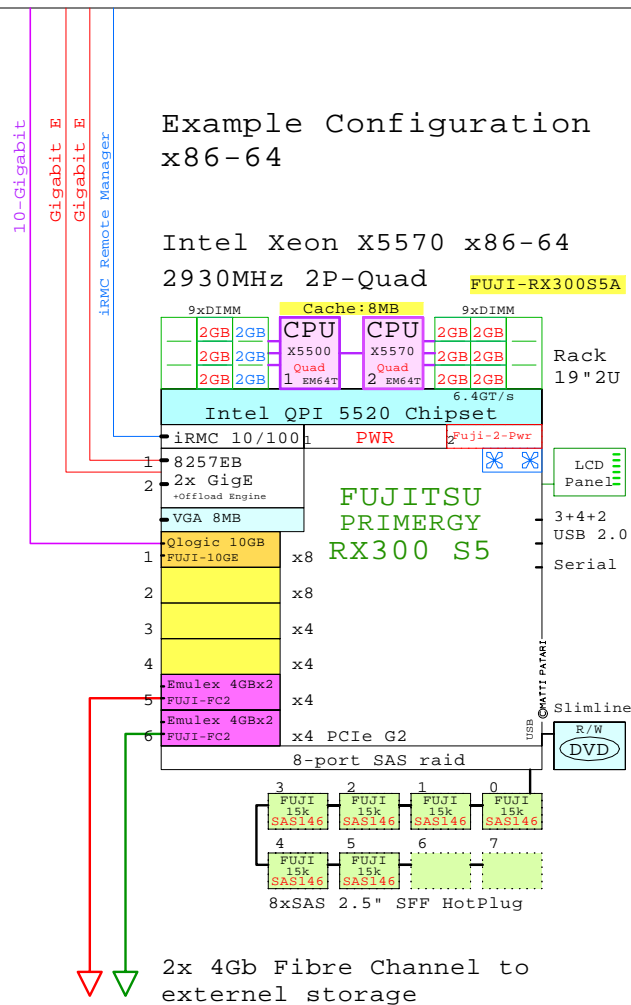
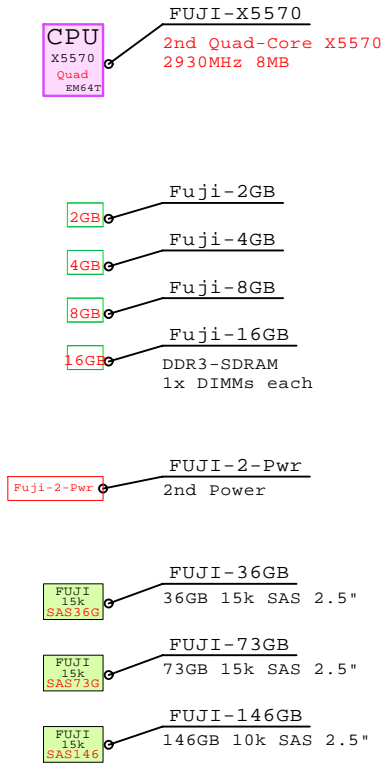
GOLDEN EGGS Visuals™ Helsinki	11-Mar-2010	GE-FUJI-RX200S5-A Matti.Patari@Kolumbus.Fi
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FUJITSU RX200S5 2P X5570 2930Mhz
GOLDEN EGGS Visuals, Helsinki

FUJITSU RX200 S5 Intel 5500 2P/1U

RX300 S5
Xeon 5500

Internal Options:



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

Tip for detail printing:
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GOLDEN EGGS Visuals™ Helsinki	11-Mar-2010	GE-FUJI-RX300S5-A
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FUJITSU RX300S5 2P X5570 2930Mhz
GOLDEN EGGS Visuals, Helsinki

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

Part Number	Qty	Description
1	FU-RX300S5A	1 Fuji RX300 S5 2P I QC X5570-8MB 6GB 2U
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	9 Fuji 2GB Memory 2x1GB RX600 S4
1.5	FUJI-FC2	2 FUJI Emulex FC 4Gb 2-ch PCIe HBA
1.6	FUJI-X5570	1 Xeon QC X5570-8MB 2.93GHz for x3650M2

FUJITSU RX300 S5 Intel 5500 2P/2U

Fujitsu RX300 Xeon

Internal Options:

FUJI-X5470
 CPU Quad EM64T
 2nd Quad-Core X5470
 3330MHz 2x6MB

Fuji-2GB

Fuji-4GB

Fuji-8GB

Fuji-16GB

16GB
 DDR2-SDRAM pairs
 2x DIMMs each

FUJI-2-Pwr
 2nd Power

FUJI-36GB3
 FUJI 15k SAS36G
 36GB 15k SAS 3.5"

FUJI-73GB3
 FUJI 15k SAS73G
 73GB 15k SAS 3.5"

FUJI-146GB3
 FUJI 15k SAS146
 146GB 10k SAS 3.5"

FUJI-Copp4
 Fuji-Co4
 PRO/1000 PT 4-Ch

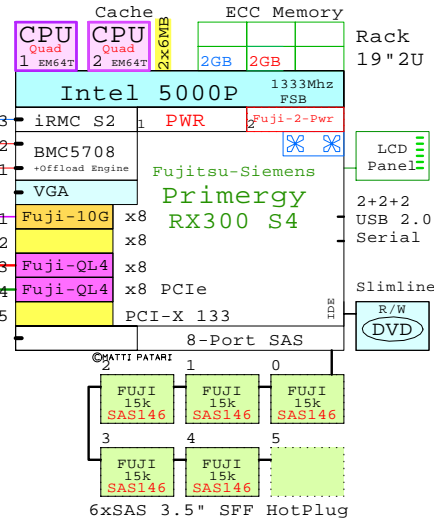
FUJI-10GbE
 Fuji-10G
 10Gb PCIe HBA

FUJI-Qlog4
 Fuji-QL4
 Qlog FC 4Gb 1-Ch

FUJI-Qlog8
 Fuji-QL8
 Qlog FC 8Gb 2-Ch

Example Configuration x86-64

Intel Xeon X5470 x86-64
 3330MHz 2P-QC **FUJI-RX300**



2x 4Gb Fibre Channel to external storage

10-Gigabit
 Gigabit E
 Gigabit E
 iRMC Remote Manager

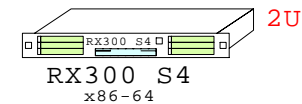
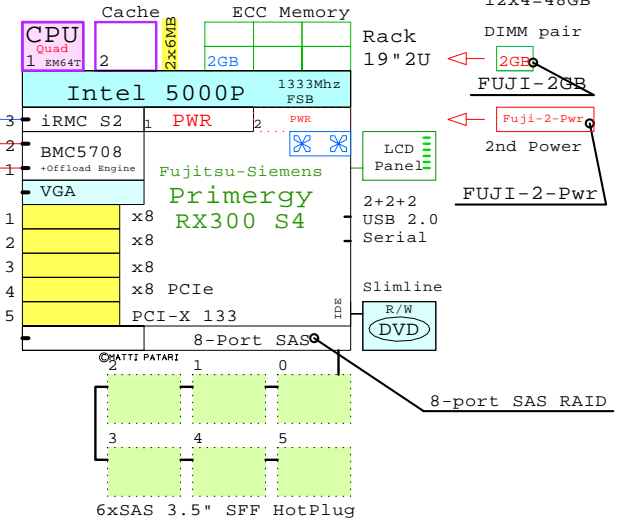
10-Gigabit
 Gigabit E
 Gigabit E
 iRMC Remote Manager

Parts list for the 2P Quad-Core Fuji RX300 Xeon system above

Part Number	Qty	Description
1	FUJI-RX300	1 Fuji RX300 S4 2P Quad X5470 2x6MB 2GB 2U
1.1	FUJI-10GbE	1 Fuji 10GbE 1-Port server adapter
1.2	FUJI-146GB3	5 Fuji 146GB SAS 15000r HotPlug 3.5" disk
1.3	FUJI-2-Pwr	1 Fuji RX3xx second power supply
1.4	FUJI-2GB	1 Fuji 2GB Memory 2x1GB RX600 S4
1.5	FUJI-Qlog4	2 Fuji Qlog FC 4Gb 1-ch PCIe HBA
1.6	FUJI-X5470	1 Fuji Xeon X5470 QC 3.33GHz 2x6MB Process

3330MHz Quad-Core

Intel Xeon X5470 x86-64
 3330MHz 2P-QC **FUJI-RX300**



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

Tip for printing:

- Zoom in area of interest
- Print, Print Current View

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Fuji RX300 2P Xeon X5470 3330MHz
 GOLDEN EGGS Visuals, Helsinki

Fujitsu RX330 AMD

Internal Options:

FUJI-2384
 CPU Quad AMD64
 2nd Quad-Core 2384
 2700MHz 4x512k/2MB

Fuji-2GB

Fuji-4GB

Fuji-8GB

Fuji-16GB

16GB
 DDR2-SDRAM pairs
 2x DIMMs each

FUJI-2-Pwr
 2nd Power

FUJI-36GB3
 36GB 15k SAS 3.5"

FUJI-73GB3
 73GB 15k SAS 3.5"

FUJI-146GB3
 146GB 10k SAS 3.5"

FUJI-Copp4
 PRO/1000 PT 4-Ch

FUJI-10GbE
 10Gb PCIe HBA

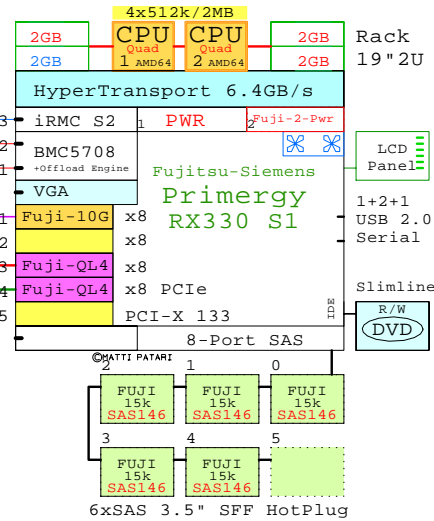
FUJI-Qlog4
 Qlog FC 4Gb 1-Ch

FUJI-Qlog8
 Qlog FC 8Gb 2-Ch

10-Gigabit
 Gigabit E
 Gigabit E
 iRMC Remote Manager

Example Configuration x86-64

AMD Opteron 2384 x86-64
 2700MHz 2P-QC **FUJI-RX330S1**



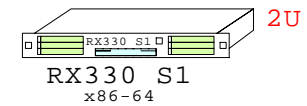
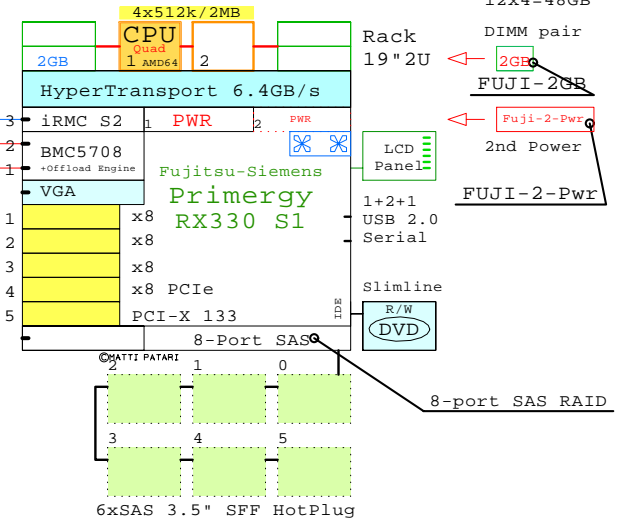
2x 4Gb Fibre Channel to external storage

Parts list for the 2P Quad-Core Fuji RX330 AMD system above

Part Number	Qty	Description
1	FUJI-RX330	1 Fuji RX330 S1 2P O QC 2384 4x512k/2MB 2G
1.1	FUJI-10GbE	1 Fuji 10GbE 1-Port server adapter
1.2	FUJI-146GB3	5 Fuji 146GB SAS 15000r HotPlug 3.5" disk
1.3	FUJI-2-Pwr	1 Fuji RX3xx second power supply
1.4	FUJI-2384	1 Fuji AMD64 QC 2384 4x512/2MB 2.70GHz
1.5	FUJI-2GB	3 Fuji 2GB Memory 2x1GB RX600 S4
1.6	FUJI-Qlog4	2 Fuji Qlog FC 4Gb 1-ch PCIe HBA

2700MHz Quad-Core

AMD Opteron 2384 x86-64
 2700MHz 2P-QC **FUJI-RX330S1**



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

Tip for printing:

- Zoom in area of interest
- Print, Print Current View

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Fuji RX330 2P AMD 2384 2700MHz
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Fujitsu RX330 AMD 2P/2U

Fujitsu RX600 Xeon

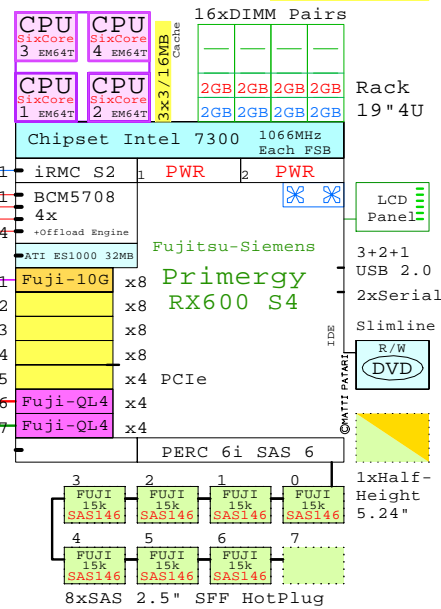
Internal Options:

- Fuji-X7460**
3/4 Six-Core E7460
2670MHz 3x3/12MB
- Fuji-2GB**
2GB
- Fuji-4GB**
4GB
- Fuji-8GB**
8GB
- Fuji-16GB**
DDR2-SDRAM pairs
2x DIMMs each
- Fuji-36GB**
36GB 15k SAS 2.5"
- Fuji-73GB**
73GB 15k SAS 2.5"
- Fuji-146GB**
146GB 10k SAS 2.5"
- FUJI-Copp4**
PRO/1000 PT 4-Ch
- FUJI-10GbE**
10Gb PCIe HBA
- FUJI-Qlog4**
Qlog FC 4Gb 1-Ch
- FUJI-Qlog8**
Qlog FC 8Gb 2-Ch

10-Gigabit
Gigabit E
iRMC Remote Manager

Example Configuration x86-64

Intel Xeon X7460 x86-64
2670MHz 4P-6C **FUJI-RX600S4**



2x 4Gb Fibre Channel to external storage

Parts list for the 4P Six-Core Fujitsu RX600 Xeon system above

	Part Number	Qty	Description
1	FUJI-RX600	1	Fuji RX600 S4 4P Six X7460 3x3/16MB 8GB
1.1	FUJI-10GbE	1	Fuji 10GbE 1-Port server adapter
1.2	FUJI-146GB	7	Fuji 146GB SAS 15000r HotPlug 2.5" disk
1.3	FUJI-2GB	4	Fuji 2GB Memory 2x1GB RX600 S4
1.4	FUJI-Qlog4	2	Fuji Qlog FC 4Gb 1-ch PCIe HBA
1.5	FUJI-X7460	2	Fuji Xeon X7460 6core 2.67GHz 16MB Proce

Fujitsu RX600 Intel 4P/4U

2670MHz Six-Core

FUJI-X7460
3rd-4th proc.

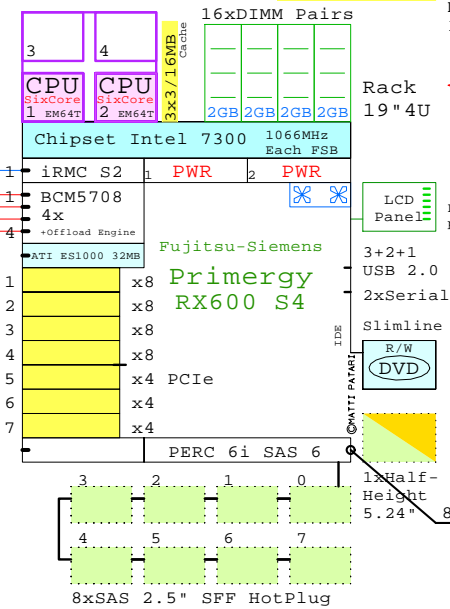
Cache
3x3/12MB

- iRMC RJ-45 10/100
- 4x RJ-45 10/100/1000
- ATI ES1000 32MB
- 4x PCIe x8 I/O module slots, half length
- 3x PCIe x4 I/O module slots, half length

FUJI-36GB
FUJI 15k SAS36G
73..300GB

Gigabit E
iRMC Remote Manager

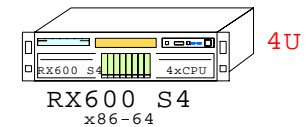
Intel Xeon X7460 x86-64
2670MHz 4P-6C **FUJI-RX600S4**



System#
Max Memory
16x16=256GB
DIMM pair
2GB
FUJI-2GB

Diagnostics panel

8-port SAS RAID



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

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Fuji RX600 4P Xeon E7460 2670MH
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