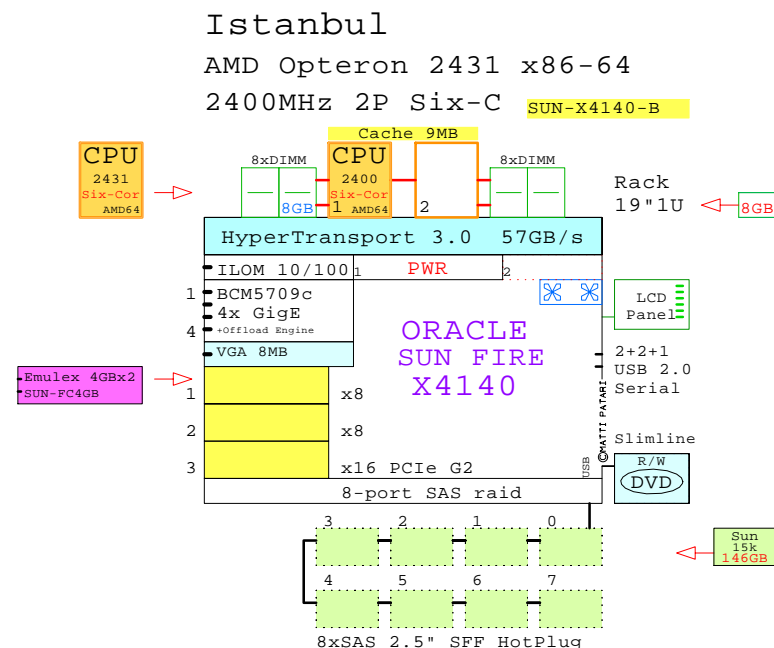


# GOLDEN EGGS

Visual Cook Book for: ORACLE SUN X86-64 Servers

- 1 - Front page
- 2 - X2270 Intel Xeon 2P 1U
- 3 - X4140 AMD Opteron 2P 1U
- 4 - X4170 Intel Xeon 2P 1U
- 5 - X4240 AMD Opteron 2P 2U
- 6 - X4270 Intel Xeon 2P 2U
- 7 - X4275 Intel Xeon 2P 2U
- 8 - X4450 Intel Xeon 4P 2U
- 9 - X4600 AMD Opteron 8P 4U
- 10 - X4540 AMD Opteron 2P 4U storage
- 11 - SUN Blade 6000 Enclosure 10U
- 12 - SUN Blade X6240/50 2P AMD/Xeon
- 13 - SUN Blade X6440/50 4P AMD/Xeon
- 14 - SUN Blade T6340 8core
- 15 - SUN Blade Storage

ORACLE SUN x86-64 Servers 2P 4P 8P



This document is a collection of SUN 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>

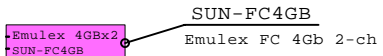
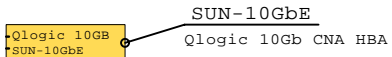
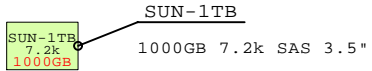
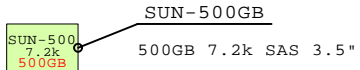
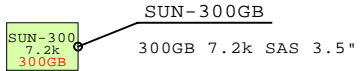
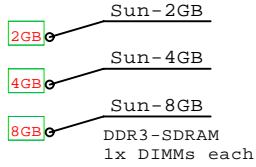
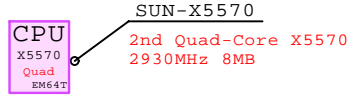
GE-SUN-X86-10-Mar-2010.pdf

© 2010 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X86B
	Matti.Patari@Kolumbus.Fi	
ORACLE SUN x86-64, AMD and Intel GOLDEN EGGS Visuals, Helsinki		

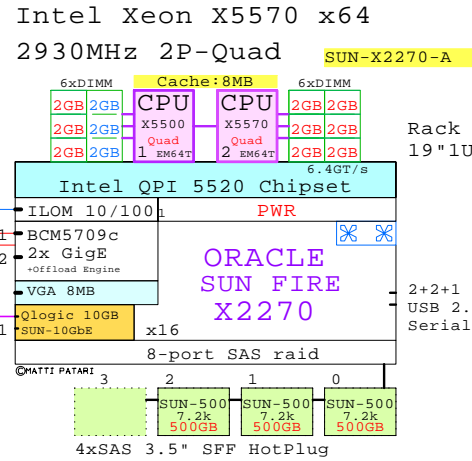
SUN X2270  
Xeon 5500

Internal Options:

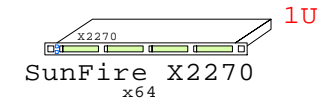
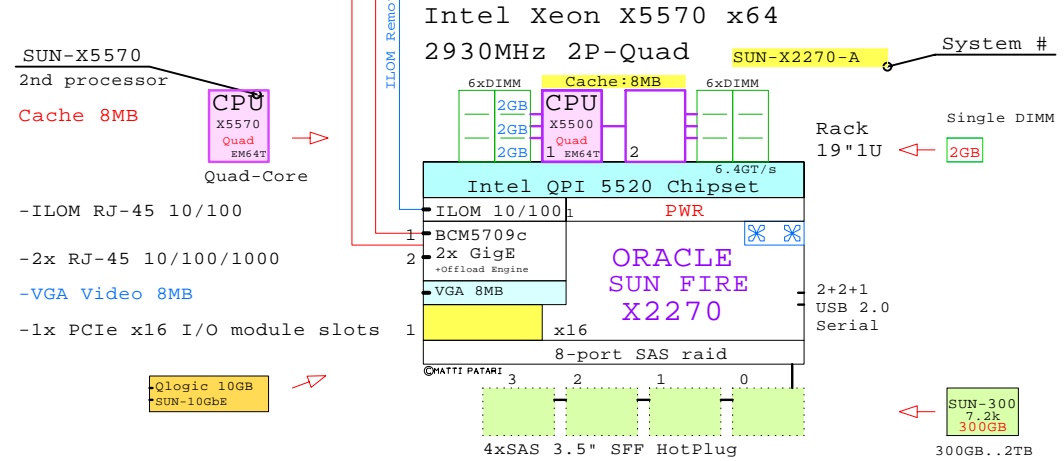


++ Plus many more std PCIe I/O modules...

Example Configuration  
x64



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

Parts list for the 2P Quad-Core SUN X2270 system above

Part Number	Qty	Description
1	SUN-X2270-A	1 SUN x2270 2P Quad X5570-8MB 6GB 1U 3.5"
1.1	SUN-10GbE	1 SUN Qlogic 10Gb CNA server adapter
1.2	SUN-500GB	3 SUN 500GB 7.2K 3.5" HotSwap SAS HDD
1.3	SUN-X5570	1 Xeon QC X5570-8MB 2.93GHz for X4270
1.4	Sun-2GB	9 Sun 2GB Memory option kit 2x1GB

© 2010 Matti Patari, All rights reserved.

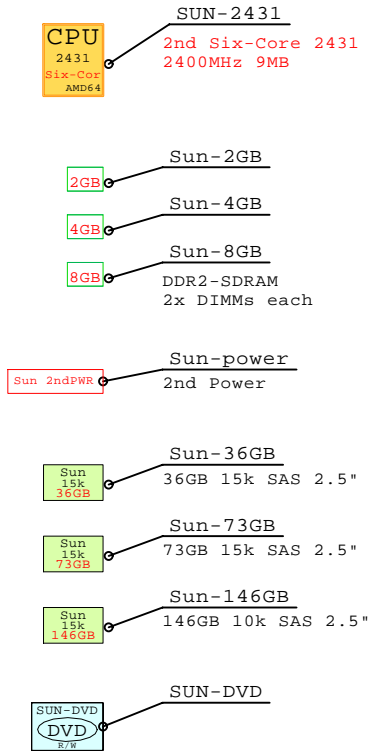
GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X2270-A
Matti.Patari@Kolumbus.Fi		

SUN FIRE X2270 Intel 5500 2P/1U

SUN X2270 2P/1U X5570 2930MHz  
GOLDEN EGGS Visuals, Helsinki

SUN X4140  
AMD Opteron

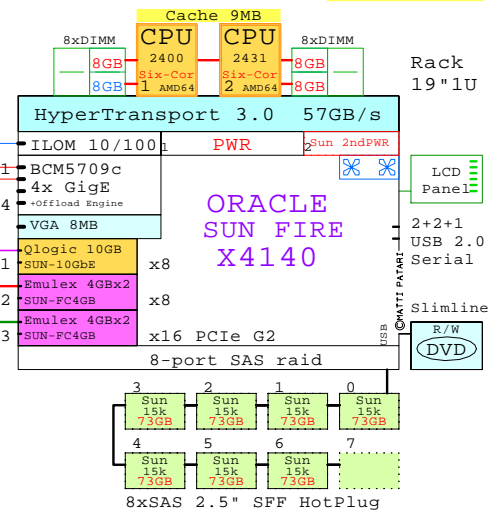
Internal Options:



10-Gigabit  
Gigabit E  
Gigabit E  
ILOM Remote Manager

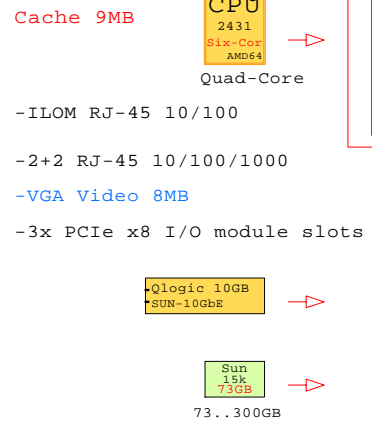
Example Configuration  
x64

AMD Opteron 2431 x86-64  
2400MHz 2P Six-C SUN-X4140-B



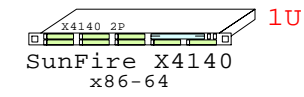
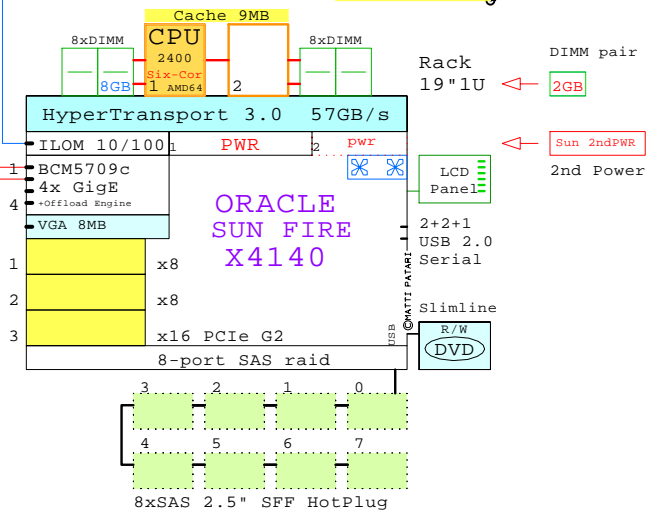
2x 4Gb Fibre Channel to external storage

SUN-2431  
2nd processor  
Cache 9MB



Istanbul  
2400MHz Six-Core

AMD Opteron 2431 x86-64  
2400MHz 2P Six-C SUN-X4140-B System #



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

Parts list for the 2P Six-Core SUN X4140 system above

Part Number	Qty	Description
1	1	SUN-X4140-B 1 SUN X4140 2P 6C 2431 2.4GH 8GB AMD64 SAS
1.1	1	SUN-10GbE 1 SUN Qlogic 10Gb CNA server adapter
1.2	1	SUN-2431 1 AMD64 6C 2.4GHz 2431 CPU kit X4140
1.3	2	SUN-FC4GB 2 SUN Emulex FC 4Gb 2-ch PCIe HBA
1.4	7	Sun 73GB SAS 15000r HotPlug 2.5" disk
1.5	3	Sun-8GB 3 Sun 8GB Memory option kit 2x4GB
1.6	1	Sun-power 1 Sun second power supply

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

© 2010 Matti Patari, All rights reserved.

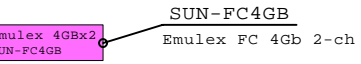
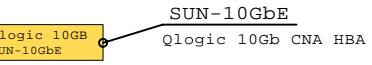
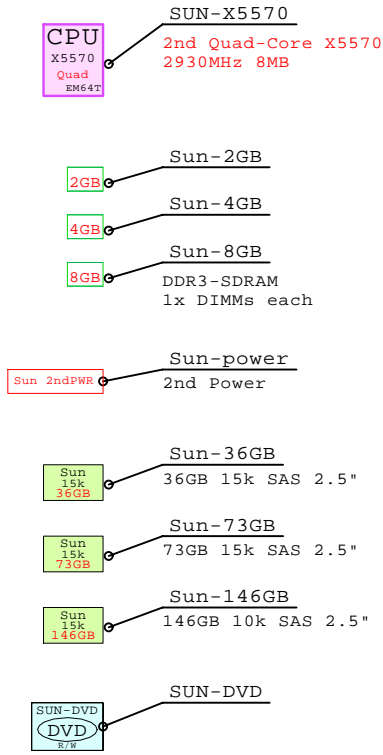
GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X4140-B Matti.Patari@Kolumbus.Fi
-------------------------------	-------------	--

SUN FIRE X4140 AMD Six-Core 2P/1U

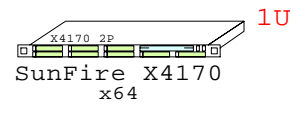
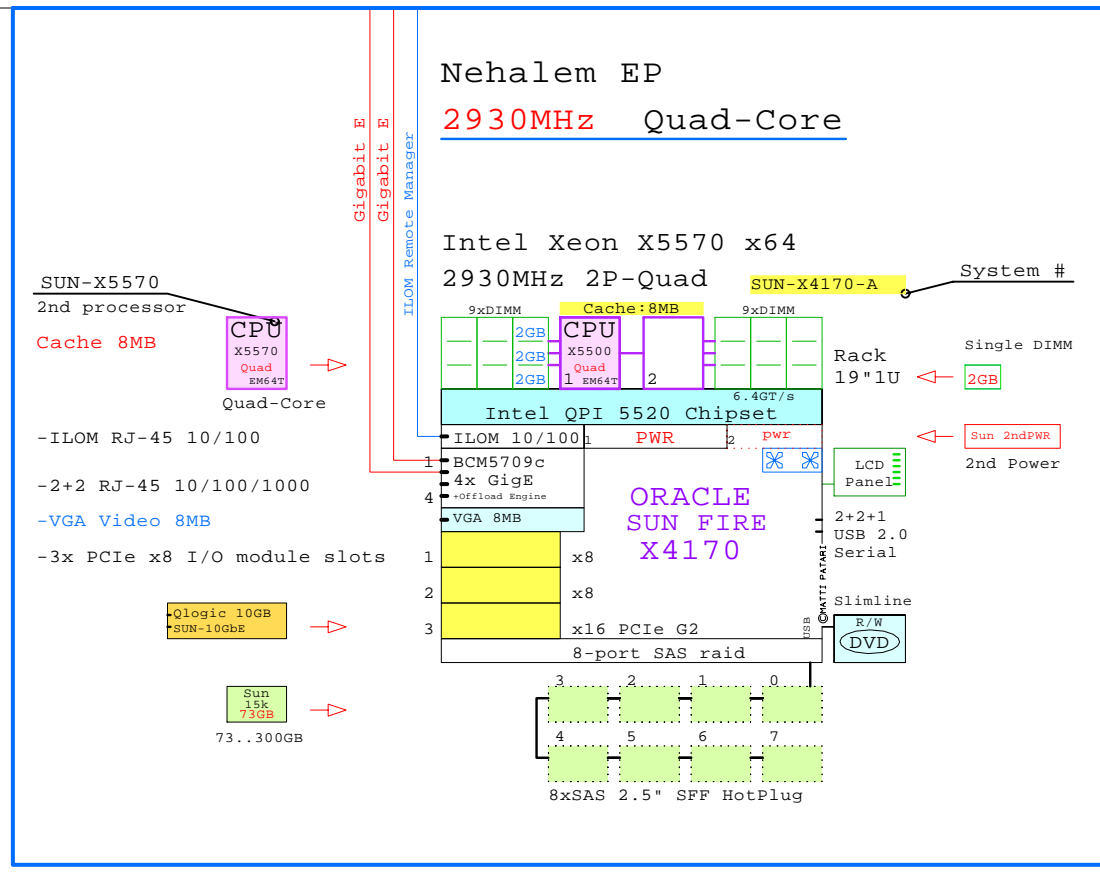
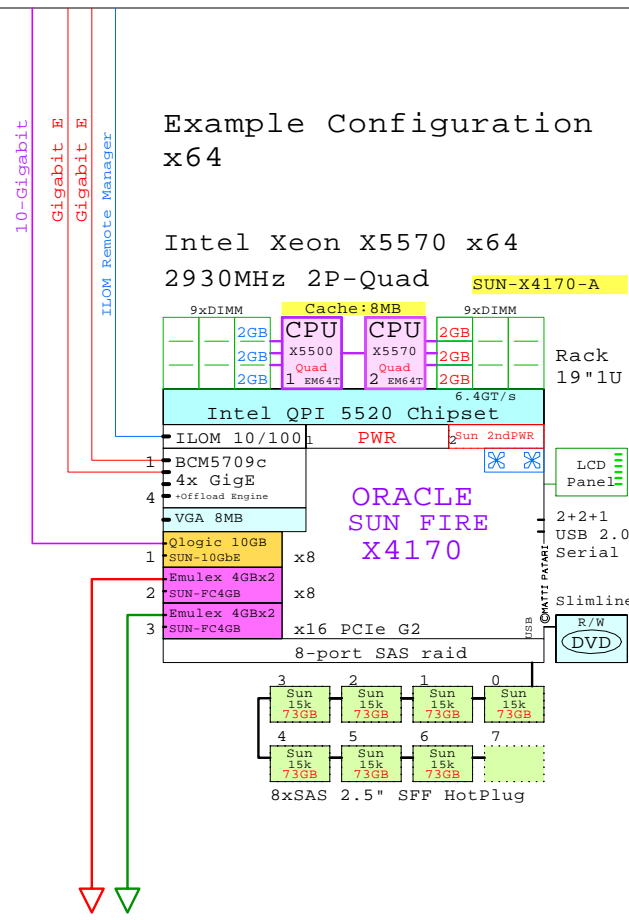
SUN X4140 2P/1U AMD Opteron Six-C  
GOLDEN EGGS Visuals, Helsinki

SUN X4170  
Xeon 5500

Internal Options:



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



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

Parts list for the 2P Quad-Core SUN X4170 system above

Part Number	Qty	Description
1	1	SUN-X4170-A 1 SUN x4170 2P Quad X5570-8MB 6GB 1U
1.1	1	SUN-10GbE 1 SUN Qlogic 10Gb CNA server adapter
1.2	2	SUN-FC4GB 2 SUN Emulex FC 4Gb 2-ch PCIe HBA
1.3	1	SUN-X5570 1 Xeon QC X5570-8MB 2.93GHz for X4270
1.4	3	Sun-2GB 3 Sun 2GB Memory option kit 2x1GB
1.5	7	Sun-73GB 7 Sun 73GB SAS 15000r HotPlug 2.5" disk
1.6	1	Sun-power 1 Sun second power supply

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

© 2010 Matti Patari, All rights reserved.

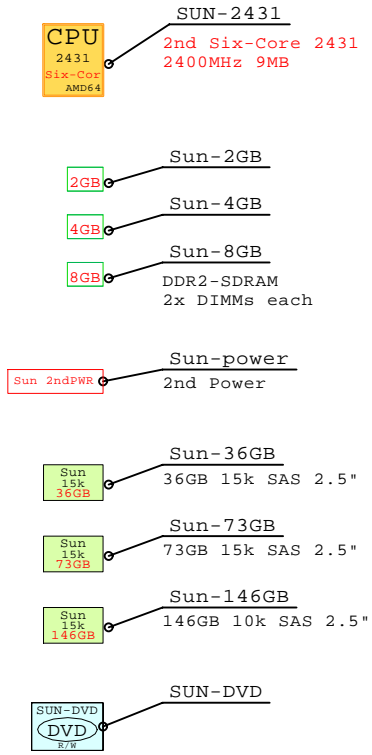
GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X4170-A Matti.Patari@Kolumbus.Fi
-------------------------------	-------------	--

SUN FIRE X4170 Intel 5500 2P/1U

SUN X4170 2P/1U X5570 2930MHz  
GOLDEN EGGS Visuals, Helsinki

SUN X4240  
AMD Opteron

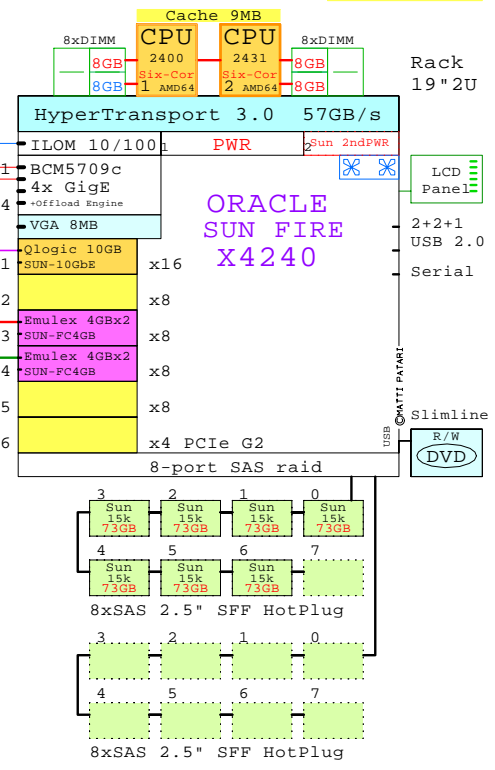
Internal Options:



10-Gigabit  
Gigabit E  
Gigabit E  
ILOM Remote Manager

Example Configuration  
x64

AMD Opteron 2431 x86-64  
2400MHz 2P Six-C SUN-X4240-B



2x 4Gb Fibre Channel to external storage

Parts list for the 2P Six-Core SUN X4240 system above

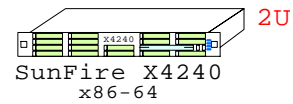
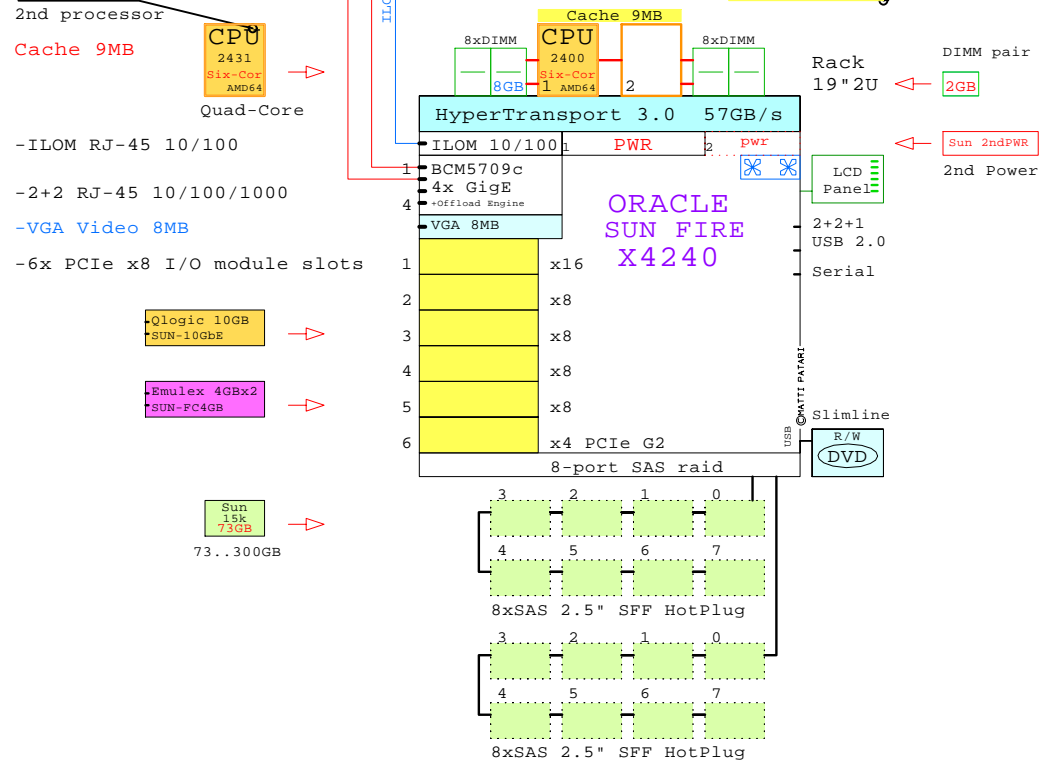
Part Number	Qty	Description
1	1	SUN-X4240-B 1 SUN X4240 2P 6C 2431 2.4GH 8GB AMD64 SAS
1.1	1	SUN-10GbE 1 SUN Qlogic 10Gb CNA server adapter
1.2	1	SUN-2431 1 AMD64 6C 2.4GHz 2431 CPU kit X4140
1.3	2	SUN-FC4GB 2 SUN Emulex FC 4Gb 2-ch PCIe HBA
1.4	7	Sun-73GB 7 Sun 73GB SAS 15000r HotPlug 2.5" disk
1.5	3	Sun-8GB 3 Sun 8GB Memory option kit 2x4GB
1.6	1	Sun-power 1 Sun second power supply

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

SUN FIRE X4240 AMD Six-Core 2P/2U

Istanbul  
2400MHz Six-Core

AMD Opteron 2431 x86-64  
2400MHz 2P Six-C SUN-X4240-B System #



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

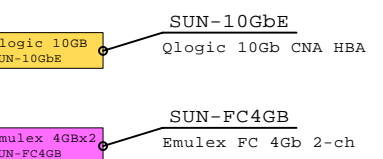
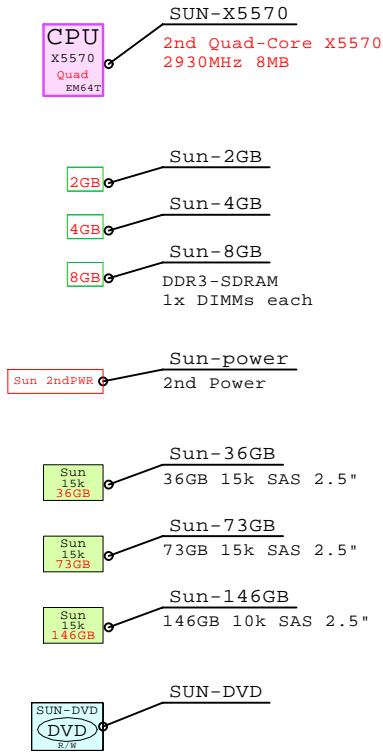
© 2010 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X4240-B
		Matti.Patari@Kolumbus.Fi

SUN X4240 2P/2U AMD Opteron Six-C  
GOLDEN EGGS Visuals, Helsinki

SUN X4270  
Xeon 5500

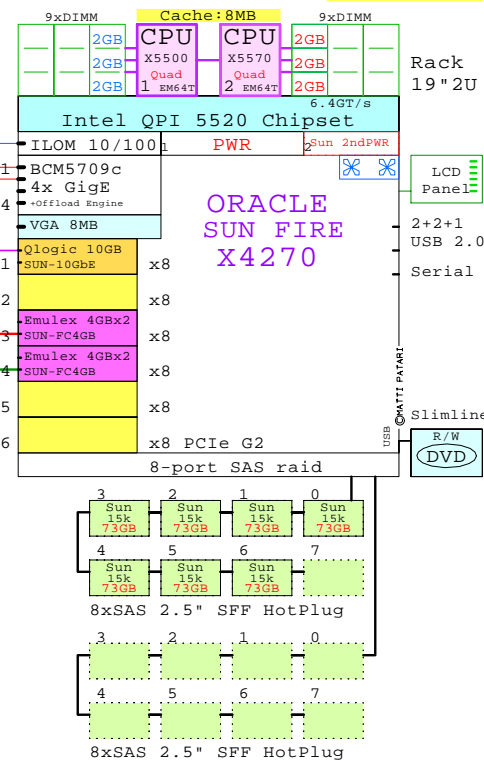
Internal Options:



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

Example Configuration  
x64

Intel Xeon X5570 x64  
2930MHz 2P-Quad SUN-X4270-A



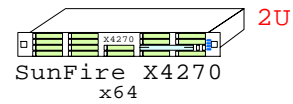
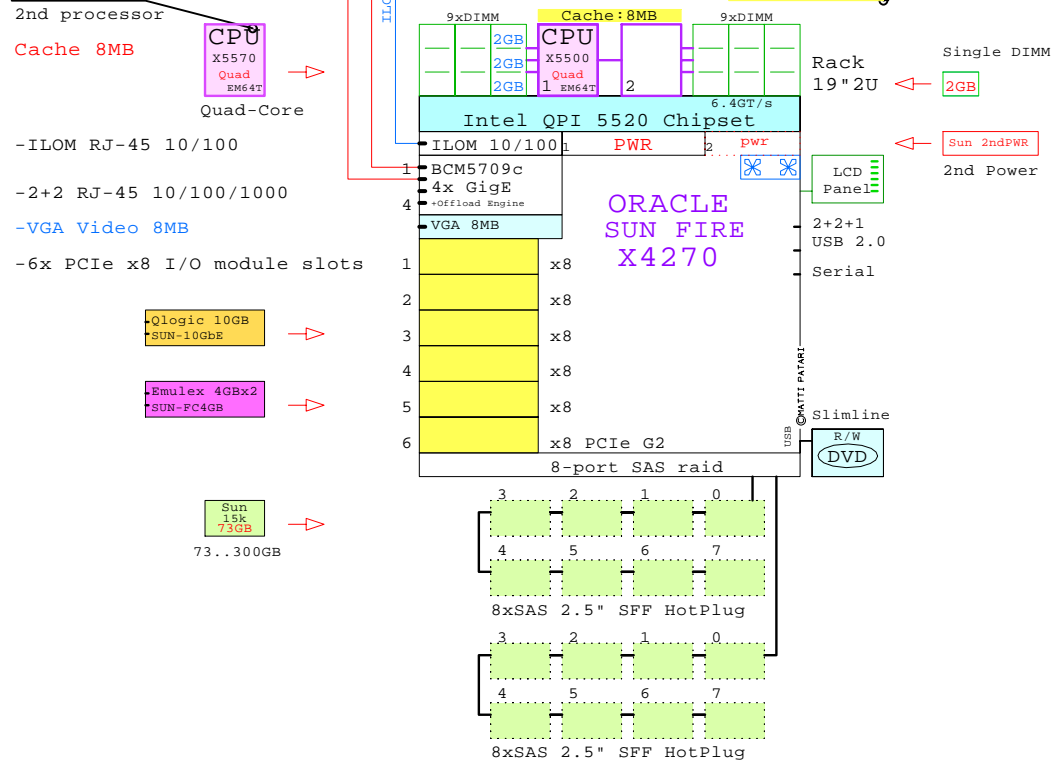
2x 4Gb Fibre Channel to external storage

Parts list for the 2P Quad-Core SUN X4270 system above

Part Number	Qty	Description
1	SUN-X4270-A	1 SUN x4270 2P Quad X5570-8MB 6GB 2U
1.1	SUN-10GbE	1 SUN Qlogic 10Gb CNA server adapter
1.2	SUN-FC4GB	2 SUN Emulex FC 4Gb 2-ch PCIe HBA
1.3	SUN-X5570	1 Xeon QC X5570-8MB 2.93GHz for X4270
1.4	Sun-2GB	3 Sun 2GB Memory option kit 2x1GB
1.5	Sun-73GB	7 Sun 73GB SAS 15000r HotPlug 2.5" disk
1.6	Sun-power	1 Sun second power supply

Nehalem EP  
2930MHz Quad-Core

Intel Xeon X5570 x64  
2930MHz 2P-Quad SUN-X4270-A System #



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

© 2010 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X4270-A
Matti.Patari@Kolumbus.Fi		

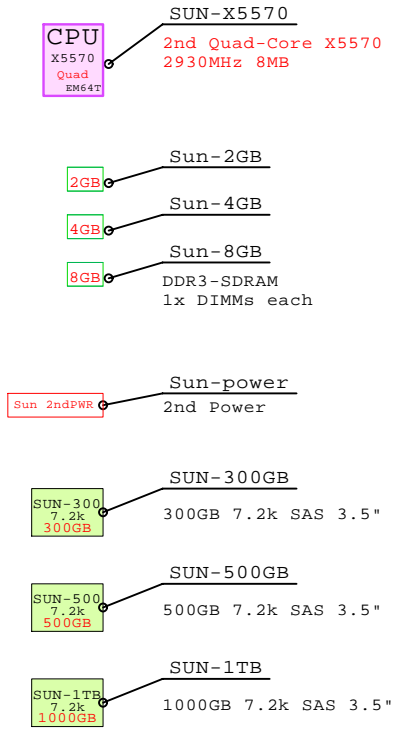
SUN X4270 2P/2U X5570 2930MHz  
GOLDEN EGGS Visuals, Helsinki

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

SUN FIRE X4270 Intel 5500 2P/2U

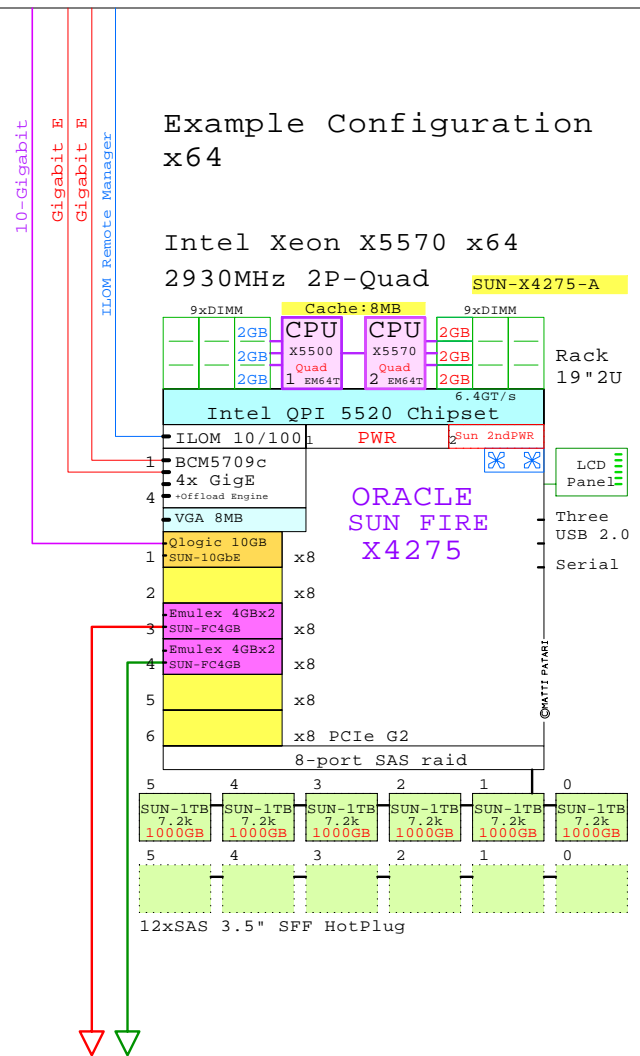
SUN X4275  
Xeon 5500

Internal Options:



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

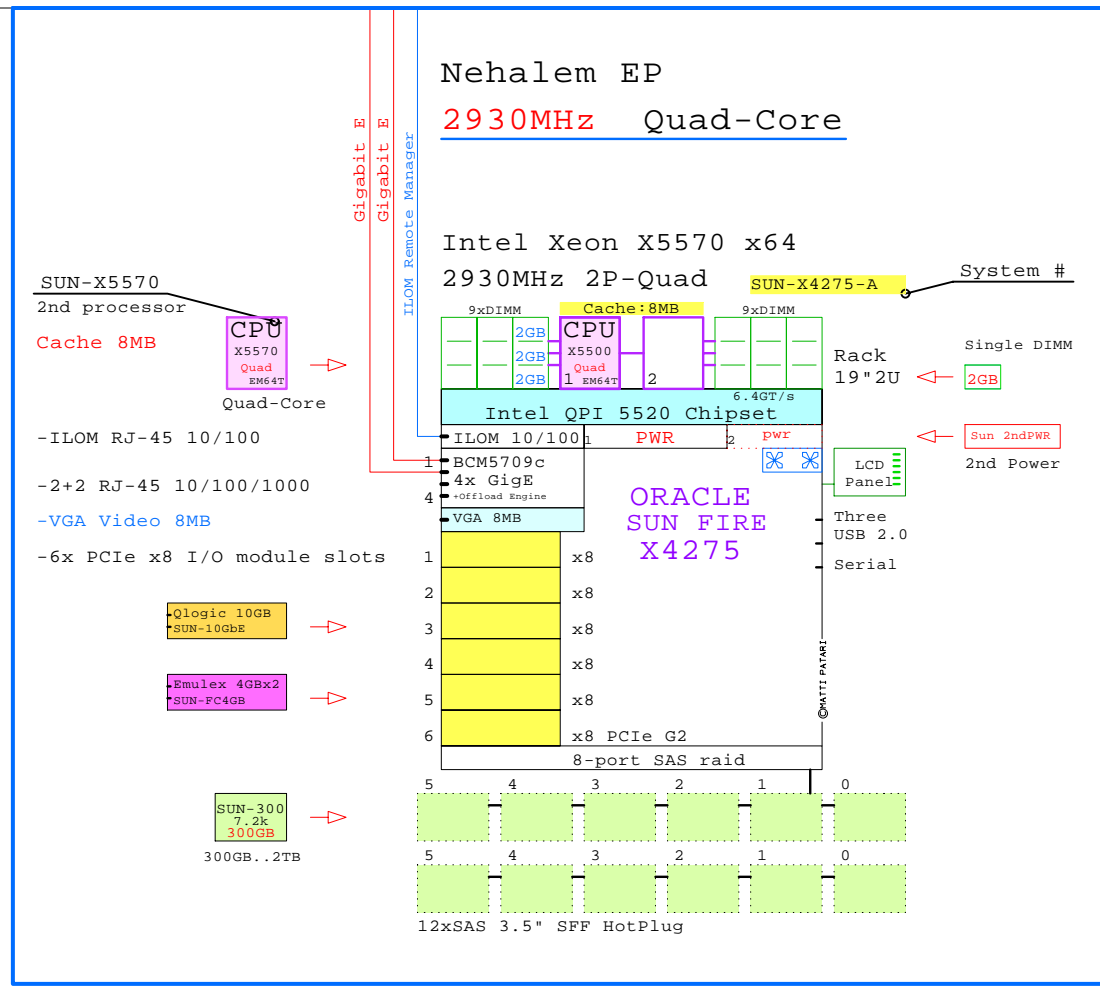
Tip for detail printing:  
- Zoom in area of interest  
- Print, Print Current View



2x 4Gb Fibre Channel to external storage

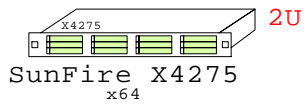
Parts list for the 2P Quad-Core SUN X4275 system above

Part Number	Qty	Description
1	1	SUN-X4275-A SUN x4275 2P Quad X5570-8MB 6GB 2U stor
1.1	1	SUN-10GbE SUN Qlogic 10Gb CNA server adapter
1.2	6	SUN-1TB SUN 1000GB 7.2K 3.5" HotSwap SAS HDD
1.3	2	SUN-FC4GB SUN Emulex FC 4Gb 2-ch PCIe HBA
1.4	1	SUN-X5570 Xeon QC X5570-8MB 2.93GHz for X4270
1.5	3	Sun-2GB Sun 2GB Memory option kit 2x1GB
1.6	1	Sun-power Sun second power supply



Nehalem EP  
2930MHz Quad-Core

Intel Xeon X5570 x64  
2930MHz 2P-Quad SUN-X4275-A System #



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

© 2010 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	10-Mar-2010	GE-SUN-X4275-A
		Matti.Patari@Kolumbus.Fi

SUN X4275 2P/2U X5570 2930MHz  
GOLDEN EGGS Visuals, Helsinki

SUN FIRE X4275 Intel 5500 2P/2U