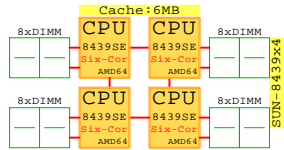


SUN X4640
AMD Opteron

Internal Options:

Processor Kit for Four CPUs



AMD 8439SE
Six-Core
2800MHz 6MB

Sun-8GB-2
Pair of
DDR3-SDRAM
2x 4GB

Sun-16GB-2
2x 8GB

Sun-36GB
36GB 15k SAS 2.5"

Sun-73GB
73GB 15k SAS 2.5"

Sun-146GB
146GB 10k SAS 2.5"

Sun-300GB
300GB 10k SAS 2.5"

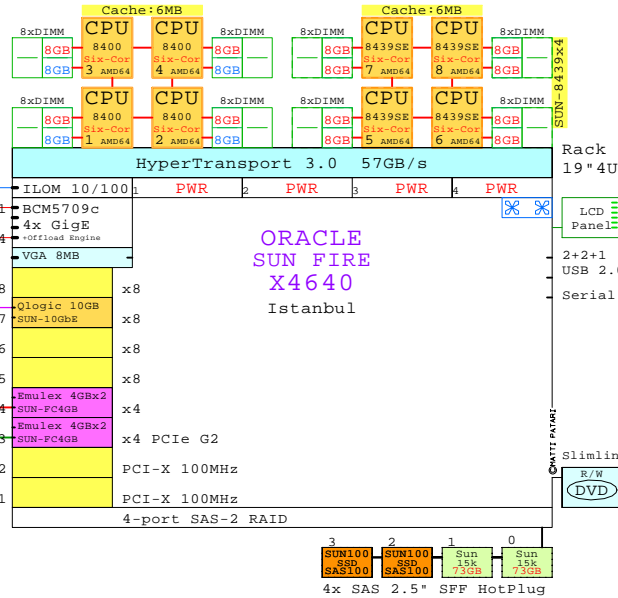
SUN-100GB
100GB SSD SAS 2.5"

SUN-10GbE
Qlogic 10Gb CNA HBA

SUN-FC4GB
Emulex FC 4Gb 2-ch

Example Configuration
x64

AMD Opteron 8439SE x86-64
2800MHz 8P-Six-Core



2x 4Gb Fibre Channel to
external storage

Parts list for the 8P Six-Core SUN X4640 system above

	Part Number	Qty	Description
	SUN-X4640-A	1	Sun X4640 8P Six-C 8439SE 6MB 32GB 4U
1.1	SUN-100GB	2	SUN 100GB SAS SSD hot-plug disk 2.5"
1.2	SUN-10GbE	1	SUN Qlogic 10Gb CNA server adapter
1.3	SUN-8439x4	1	5-8P CPU AMD64 6C 8439SE 2.8GHz X4640
1.3.1	Sun-8GB-2	8	Sun 8GB Memory option kit 2x4GB
1.4	SUN-FC4GB	2	SUN Emulex FC 4Gb 2-ch PCIe HBA
1.5	Sun-73GB	2	Sun 73GB SAS 15000r HotPlug 2.5" disk
1.6	Sun-8GB-2	4	Sun 8GB Memory option kit 2x4GB

Istanbul

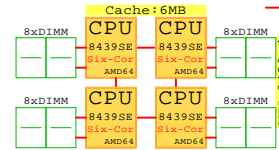
2800MHz Six-Core

Max memory:
64x 16GB DIMMs
= 1TB

-Memory Option,
DIMM Pair
8GB = 4+4



-Processor Kit for Four CPUs



-ILOM RJ-45 10/100

-Four RJ-45 100/1000

-VGA Video 8MB

-6x PCIe x8 I/O module slots

-2x PCI-X 100MHz I/O slots

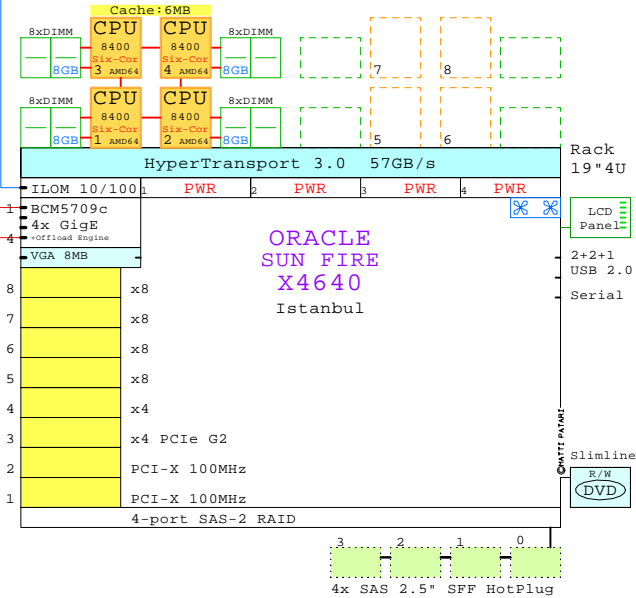
Qlogic 10Gb
SUN-10GbE

Emulex 4Gb x2
SUN-FC4GB

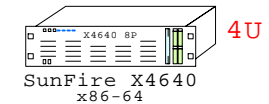
SUN100
SSD
SAS100

Sun
15k
73GB

AMD Opteron 8439SE x86-64
2800MHz 8P-Six-Core



GE-link to this document: <http://www.goldeneggs.fi/documents/GE-SUN-X4640-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

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

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GOLDEN EGGS Visuals™ Helsinki	26-Oct-2010	GE-SUN-X4640-A
Matti.Patari@Kolumbus.Fi		

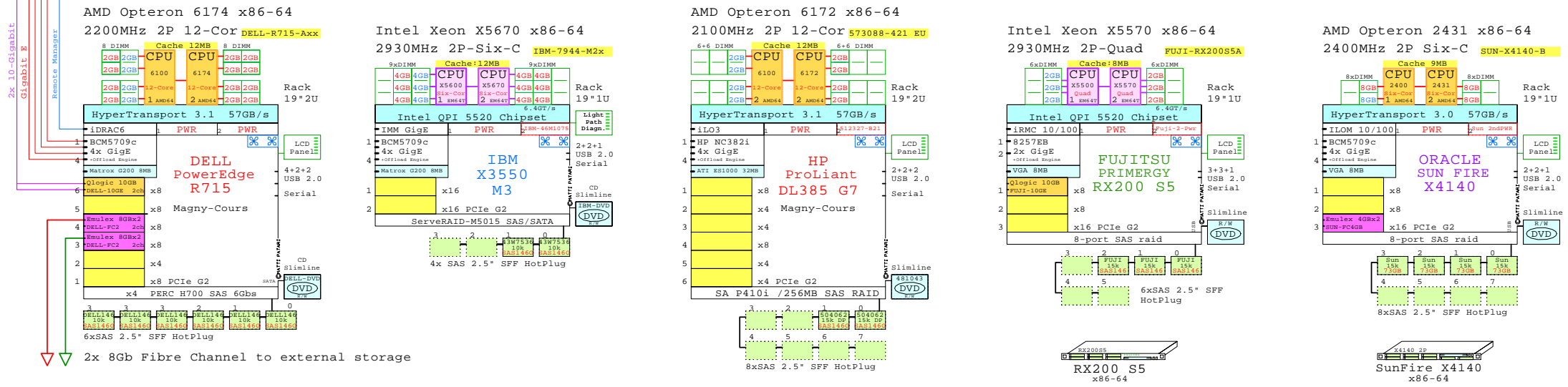
SUN FIRE X4640 AMD Six-Core 8439SE 8P/4U

SUN X4640 8P/4U AMD 8439SE 2.8GHZ
GOLDEN EGGS Visuals, Helsinki

Welcome to Golden Eggs Visual Configurations

<http://www.goldeneggs.fi>

This picture is a comparison chart for: DELL, IBM, HP, FUJITSU and SUN 2-socket x86-64 servers.
A picture is worth of one thousand words. It talks all Global languages.



Golden Eggs history:

It all started late 80's when I was a local Sales technical support at Digital Equipment Corporation Helsinki office. I did have numerous configuration diagrams in my personal paper notebook. This booklet was my daily hand tool to quickly sort out complicated HW configuration. This booklet was photo copied numerous times for our Sales personal, Partners and End-Customers. Then came splendid VAXstations and AutoCAD software available. I pushed the picture arsenal through the screen and the material was distributed in PostScript files in DECnet. The work was available in printable files in all DEC locations. When Internet was invented, Golden Eggs found its delivery to all Customers who needed simple, technical guide books.

Old Golden Eggs outlets are still available at:

- ➔ <http://h18000.www1.hp.com/info/GECPQA/> DEC/Compaq: VAX, Alpha, Storage and ProLiant servers
- ➔ <http://www.openvms.org/pages.php?page=GoldenEggs> OpenVMS.org: Alpha, Storage, ProLiant and Integrity servers
- ➔ This is the present x86 server Golden Eggs Hatchery.
- ➔ <http://www.goldeneggs.fi>

Why ?? Golden Eggs ??

I think that a good service must have a good name. These pictures are real Golden Pieces for system builders.

I wish you nice reading and good x86 system planning sessions.
Matti.Patari@Kolumbus.Fi Helsinki, Finland

Your comments, improvements, etc are always welcome.

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GOLDEN EGGS Visuals™ Helsinki	03-Jul-2010	GE-Welcomel Matti.Patari@Kolumbus.Fi
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