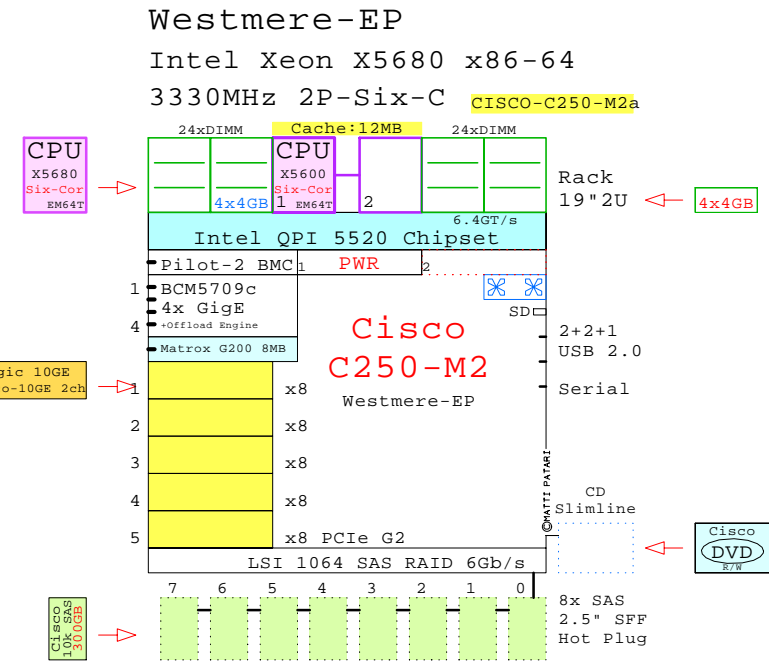


GOLDEN EGGS

Visual Cook Book: CISCO UCS X86-64 Servers

- 1 - Cisco UCS Family Map
- Rack Servers:
 - 2 - UCS C200-M2 Intel Xeon 2P 1U
 - 3 - UCS C210-M2 Intel Xeon 2P 2U
 - 4 - UCS C250-M2 Intel Xeon 2P 2U
 - 6 - UCS C260-M2 Intel Xeon 2P 2U
 - 7 - UCS C460-M2 Intel Xeon 4P 4U



This document is a collection of CISCO UCS 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-CISCO-BOOK-2011.pdf

© 2011 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	01-Jul-2011	GE-CISCO-X86A
	Matti.Patari@Kolumbus.Fi	

CISCO X86-64 Servers 2P 4P Intel
 GOLDEN EGGS Visuals, Helsinki

Xeon 4P-4U

Intel Xeon E7-4870 x86-64
2400MHz 4P-10Core **CISCO-C460-M2a**

Xeon 2P-2U

Extended-Memory **1TB**

Intel Xeon E7-2870 x86-64
2400MHz 2P-10Core **CISCO-C260-M2a**

Xeon 2P-2U

Extended-Memory **0.8TB**

Intel Xeon X5680 x86-64
3330MHz 2P-Six-C **CISCO-C250-M2a**

Xeon 2P-2U

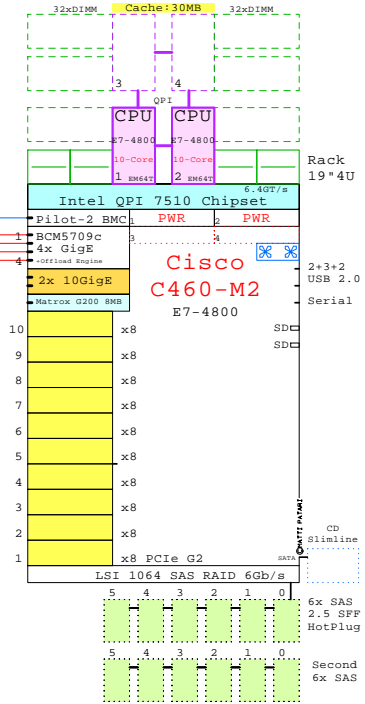
Intel Xeon X5680 x86-64
3330MHz 2P-Six-C **CISCO-C210-M2a**

Xeon 2P-1U

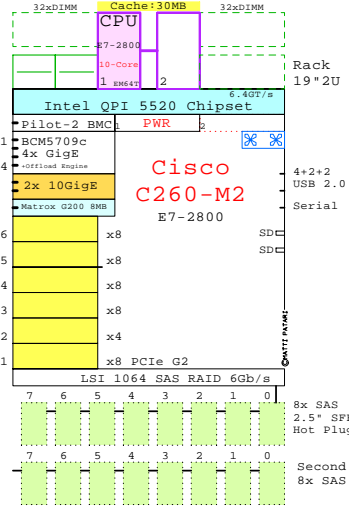
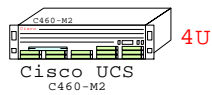
Intel Xeon X5680 x86-64
3330MHz 2P-Six-C **CISCO-C200-M2a**

4x 1GbE

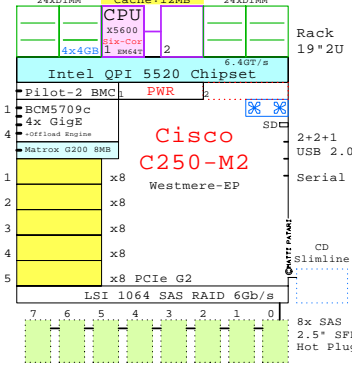
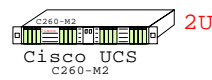
Remote Manager



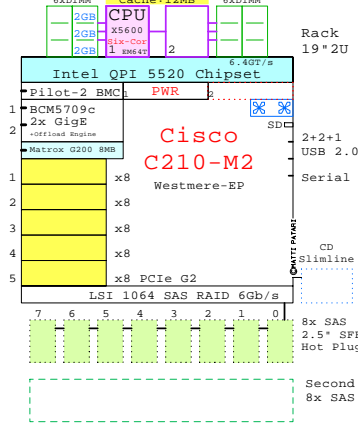
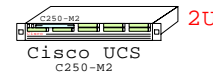
<http://www.goldeneggs.fi/documents/GE-CISCO-C460M2-A.pdf>



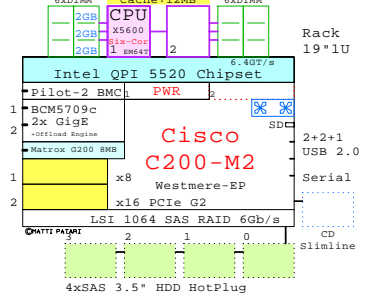
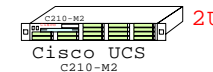
<http://www.goldeneggs.fi/documents/GE-CISCO-C260M2-A.pdf>



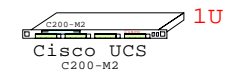
<http://www.goldeneggs.fi/documents/GE-CISCO-C250M2-A.pdf>



<http://www.goldeneggs.fi/documents/GE-CISCO-C210M2-A.pdf>



<http://www.goldeneggs.fi/documents/GE-CISCO-C200M2-A.pdf>



↑ [Link to C200-M2 Detail-Document](#)

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-FUJI-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-SUN-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-ACER-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-LENOVO-FAMILY-A.pdf>

Created by:
Matti.Patari@Kolumbus.Fi
Helsinki

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

GoldenEggs Home:
<http://www.goldeneggs.fi>






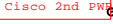





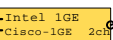
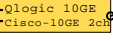
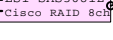
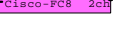
© 2011 Matti Patari, All rights reserved.

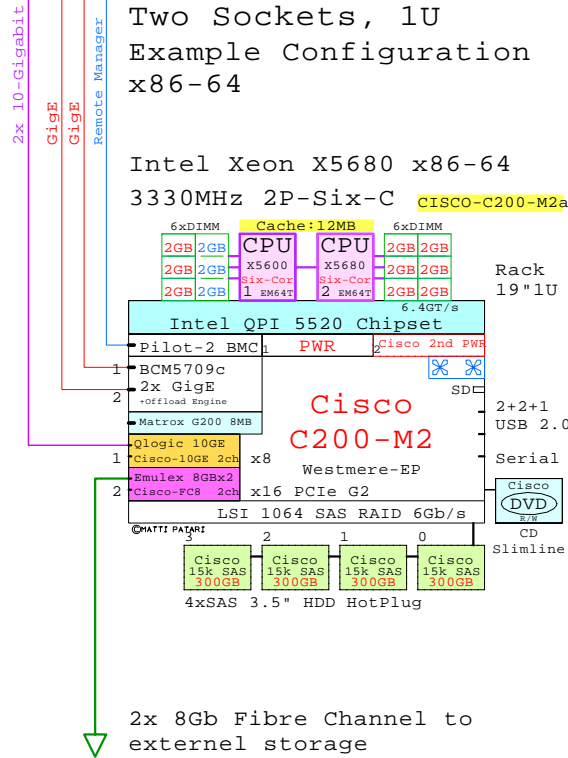
GOLDEN EGGS Visuals Helsinki	12-Jun-2011	GE-CISCO-FAMILY-A-2
Matti.Patari@Kolumbus.fi		

Cisco UCS x86 Server 4P,2P Intel
GOLDEN EGGS Visuals, Helsinki

Cisco UCS C200-M2
Xeon 5600

Internal Options:

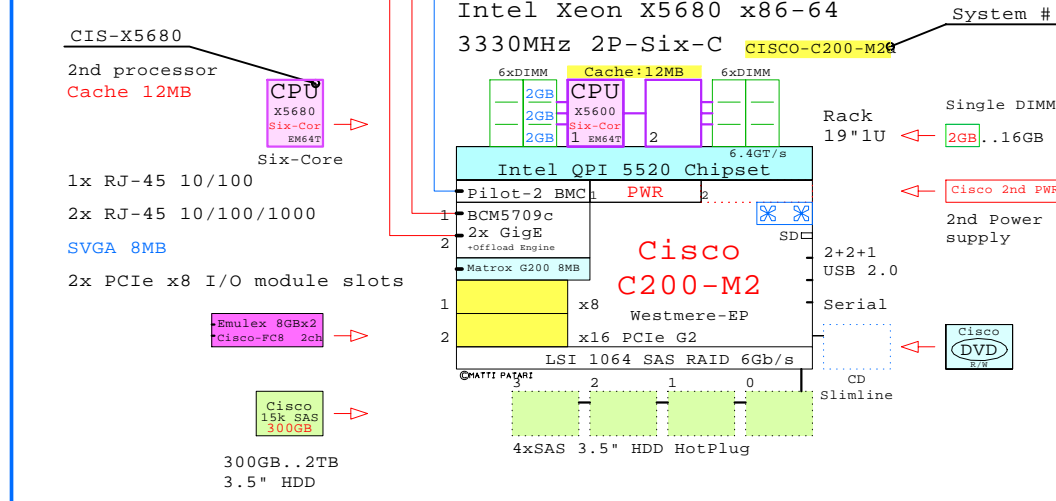
-  **CIS-X5680**
2nd Six-Core X5680
3330MHz 12MB
-  **CIS-M1X2GB**
DDR3-SDRAM
1x 2GB DIMM
-  **CIS-M1X4GB**
-  **CIS-M1X8GB**
-  **CIS-M1X16G**
-  **CIS-1-PWR**
2nd Power Supply
-  **CIS-300G-35**
300GB 15k SAS 3.5"
-  **CIS-450G-35**
450GB 15k SAS 3.5"
-  **CIS-1TB-35**
1TB 7.2k SAS 3.5"
-  **CIS-2TB-35**
2TB 7.2k SAS 3.5"
-  **CIS-DVD**
DVD
-  **CIS-1GE-2X**
1GbE 2ch LAN Adapter
-  **CIS-10GE-2X**
10GbE 2ch LAN Adapter
-  **CIS-RAID-8**
SAS RAID 8-Port
-  **CIS-FC8-2X**
FC 8Gb 2ch HBA



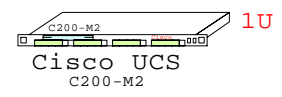
2x 8Gb Fibre Channel to external storage

Parts list for the Cisco UCS C200-M2 system above

Part Number	Qty	Description
1	1	CIS-C200M2A 1 Cisco C200-M2 2P I 6C X5680-12MB 6GB 1U
1.1	1	CIS-1-PWR 1 Cisco UCS C200 second power supply
1.2	1	CIS-10GE-2X 1 Cisco Qlogic 10GE CNA 2-ch adapter
1.3	4	CIS-300G-35 4 Cisco SAS 300GB 15k 3.5" HDD HotPlug
1.4	1	CIS-DVD 1 Cisco CD-RW/DVD-ROM Option kit, slimline
1.5	1	CIS-FC8-2X 1 Cisco Emulex FC 8Gb 2-ch PCIe HBA
1.6	9	CIS-M1X2GB 9 Cisco 1x2GB DIMM Memory kit C200/10
1.7	1	CIS-X5680 1 Cisco Xeon 6C X5680-12MB 3.33GHz for C20



Link to this document: <http://www.goldeneggs.fi/documents/GE-CISCO-C200M2-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

GoldenEggs Home:
<http://www.goldeneggs.fi>






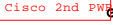






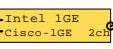
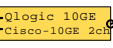
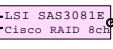
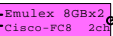
© 2011 Matti Patari, All rights reserved.		
GOLDEN EGGS Visuals™ Helsinki	19-Apr-2011	GE-CISCO-C200M2-A
		Matti.Patari@Kolumbus.Fi

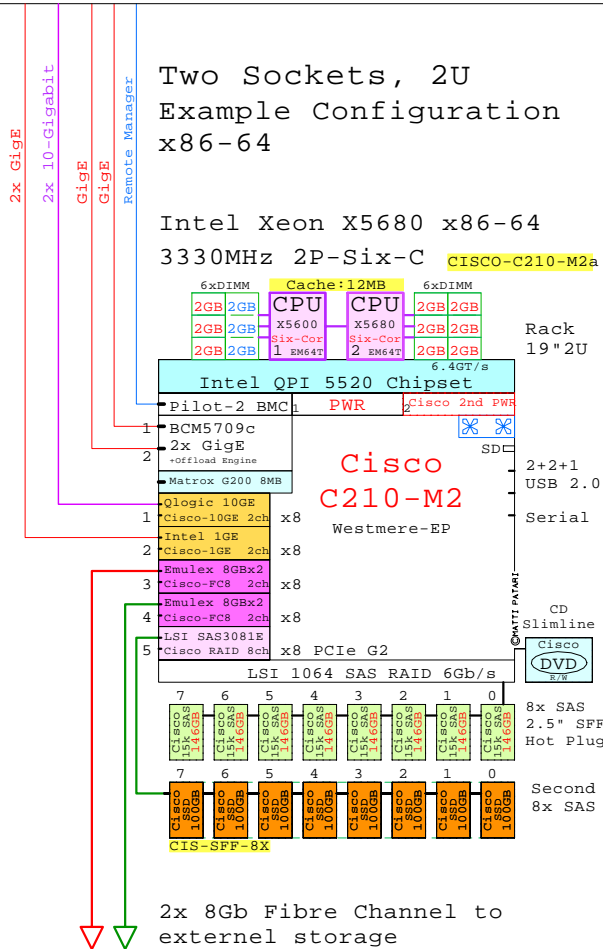
Cisco C200-M2 2P/1U X5680 3330MHz
GOLDEN EGGS Visuals, Helsinki

Cisco UCS C200-M2 Intel Six-Core 5600 2P/1U

Cisco UCS C210-M2
Xeon 5600

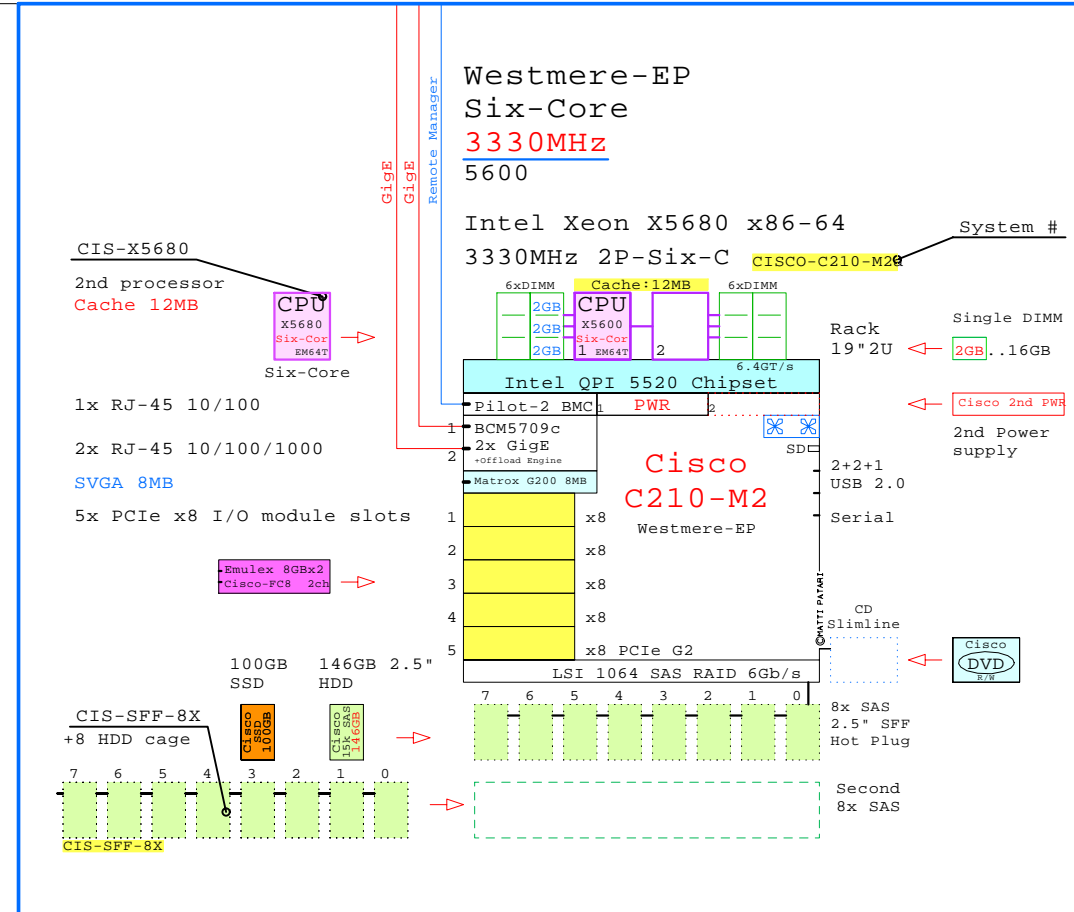
Internal Options:

-  CPU X5680 Six-Cor EM64T 2nd Six-Core X5680 3330MHz 12MB
-  CIS-M1X2GB DDR3-SDRAM 1x 2GB DIMM
-  CIS-M1X4GB
-  CIS-M1X8GB
-  CIS-M1X16G
-  CIS-1-PWR 2nd Power Supply
-  CIS-73GB-25 73GB 15k SAS 2.5"
-  CIS-146G-25 146GB 15k SAS 2.5"
-  CIS-300G-25 300GB 10k SAS 2.5"
-  CIS-600G-25 600GB 10k SAS 2.5"
-  CIS-100G-25 100GB SSD SAS 2.5"
-  CIS-DVD DVD
-  CIS-1GE-2X 1GbE 2ch LAN Adapter
-  CIS-10GE-2X 10GbE 2ch LAN Adapter
-  CIS-RAID-8 SAS RAID 8-Port
-  CIS-FC8-2X FC 8Gb 2ch HBA

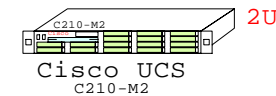


Parts list for the Cisco UCS C210-M2 system above

Part Number	Qty	Description
1	1	CIS-C210M2A Cisco C210-M2 2P I 6C X5680-12MB 6GB 2U
1.1	1	CIS-1-PWR Cisco UCS C200 second power supply
1.2	1	CIS-10GE-2X Cisco Qlogic 10GE CNA 2-ch adapter
1.3	8	CIS-146G-25 Cisco SAS 146GB 15k 2.5" HDD HotPlug
1.4	1	CIS-1GE-2X Cisco Intel 1GE 2-Port server adapter
1.5	1	CIS-DVD Cisco CD-RW/DVD-ROM Option kit, slimline
1.6	2	CIS-FC8-2X Cisco Emulex FC 8Gb 2-ch PCIe HBA
1.7	9	CIS-M1X2GB Cisco 1x2GB DIMM Memory kit C200/10
1.8	1	CIS-RAID-8 Cisco LSI 8-port 6Gb/s SAS RAID HBA
1.9	1	CIS-SFF-8X Cisco C210-M2 +8HDD Disk Cage Kit
1.9.1	8	CIS-100G-25 Cisco SAS 100GB SSD 2.5" HotPlug
1.10	1	CIS-X5680 Cisco Xeon 6C X5680-12MB 3.33GHz for C20



Link to this document: <http://www.goldeneggs.fi/documents/GE-CISCO-C210M2-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

GoldenEggs Home:
<http://www.goldeneggs.fi>

© 2011 Matti Patari, All rights reserved.












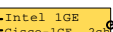
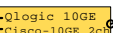
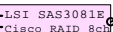
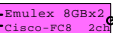
GOLDEN EGGS Visuals™ Helsinki	19-Apr-2011	GE-CISCO-C210M2-A
		Matti.Patari@Kolumbus.Fi

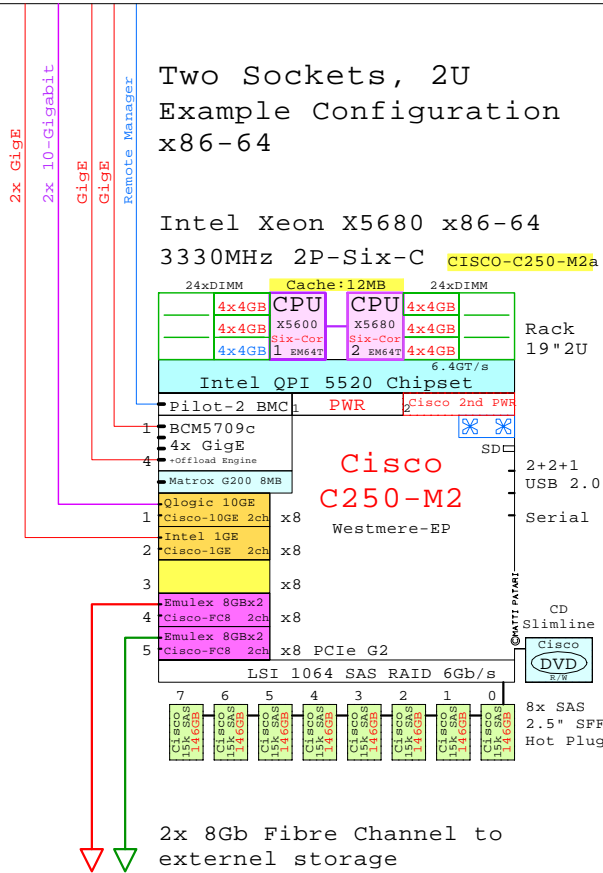
Cisco C210-M2 2P/2U X5680 3330MHz
 GOLDEN EGGS Visuals, Helsinki

Cisco UCS C210-M2 Intel Six-Core 5600 2P/2U

Cisco UCS C250-M2
Xeon 5600

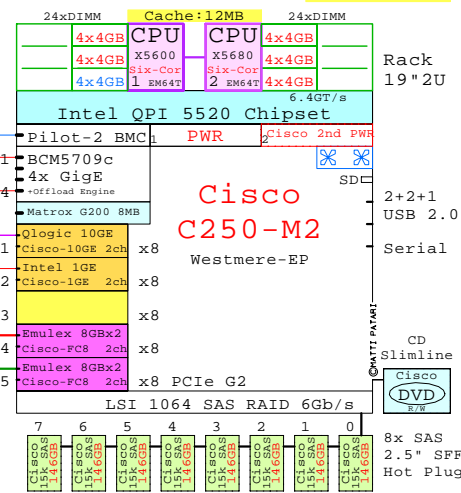
Internal Options:

-  **CIS-X5680**
2nd Six-Core X5680
3330MHz 12MB
-  **CIS-M4X4GB**
4x4GB
DDR3-SDRAM
4x 4GB DIMM
-  **CIS-M4X8GB**
4x8GB
-  **CIS-M4X16G**
4x16G
-  **CIS-1-PWR**
2nd Power Supply
-  **CIS-73GB-25**
73GB 15k SAS 2.5"
-  **CIS-146G-25**
146GB 15k SAS 2.5"
-  **CIS-300G-25**
300GB 10k SAS 2.5"
-  **CIS-600G-25**
600GB 10k SAS 2.5"
-  **CIS-100G-25**
100GB SSD SAS 2.5"
-  **CIS-DVD**
DVD
-  **CIS-1GE-2X**
1GbE 2ch LAN Adapter
-  **CIS-10GE-2X**
10GbE 2ch LAN Adapter
-  **CIS-RAID-8**
SAS RAID 8-Port
-  **CIS-FC8-2X**
FC 8Gb 2ch HBA



Two Sockets, 2U
Example Configuration
x86-64

Intel Xeon X5680 x86-64
3330MHz 2P-Six-C CISC0-C250-M2a



2x 8Gb Fibre Channel to external storage

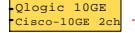
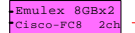


Parts list for the Cisco UCS C250-M2 system above

Part Number	Qty	Description
1	1	CIS-C250M2A 1 Cisco C250-M2 2P I 6C X5680-12MB 16GB 2U
1.1	1	CIS-1-PWR 1 Cisco UCS C200 second power supply
1.2	1	CIS-10GE-2X 1 Cisco Qlogic 10GE CNA 2-ch adapter
1.3	8	CIS-146G-25 8 Cisco SAS 146GB 15k 2.5" HDD HotPlug
1.4	1	CIS-1GE-2X 1 Cisco Intel 1GE 2-Port server adapter
1.5	1	CIS-DVD 1 Cisco CD-RW/DVD-ROM Option kit, slimline
1.6	2	CIS-FC8-2X 2 Cisco Emulex FC 8Gb 2-ch PCIe HBA
1.7	5	CIS-M4X4GB 5 Cisco 4x4GB DIMM Memory kit C250/60
1.8	1	CIS-X5680 1 Cisco Xeon 6C X5680-12MB 3.33GHz for C20

Extended-Memory

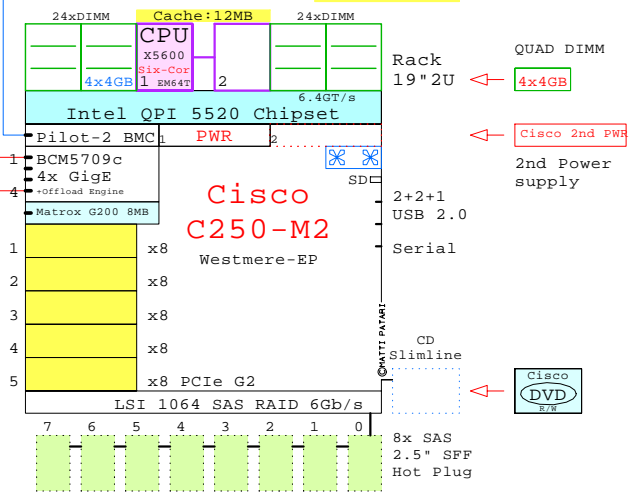
CIS-X5680
2nd processor
Cache 12MB
Six-Core

1x RJ-45 10/100
4x RJ-45 10/100/1000
SVGA 8MB
5x PCIe x8 I/O module slots

-  Qlogic 10GE
Cisco-10GE 2ch
-  Emulex 8GBx2
Cisco-FC8 2ch
-  100GB
SSD
-  146GB 2.5"
HDD

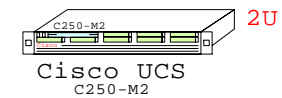
Westmere-EP
Six-Core
3330MHz
5600

Intel Xeon X5680 x86-64
3330MHz 2P-Six-C CISC0-C250-M2e



Link to this document: <http://www.goldeneggs.fi/documents/GE-CISCO-C250M2-A.pdf>

Extended-Memory, Max 48x 16GB = 768GB



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

GoldenEggs Home:
<http://www.goldeneggs.fi>

© 2011 Matti Patari, All rights reserved.

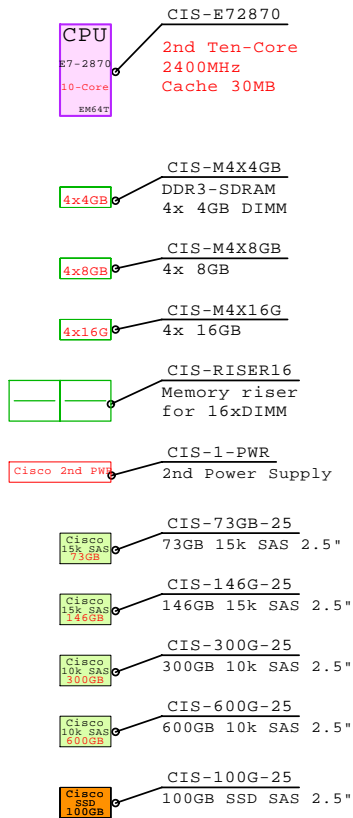
GOLDEN EGGS Visuals™ Helsinki	19-Apr-2011	GE-CISCO-C250M2-A
		Matti.Patari@Kolumbus.Fi

Cisco C250-M2 2P/2U X5680 3330MHz
GOLDEN EGGS Visuals, Helsinki

Cisco UCS C250-M2 Intel Six-Core 5600 2P/2U

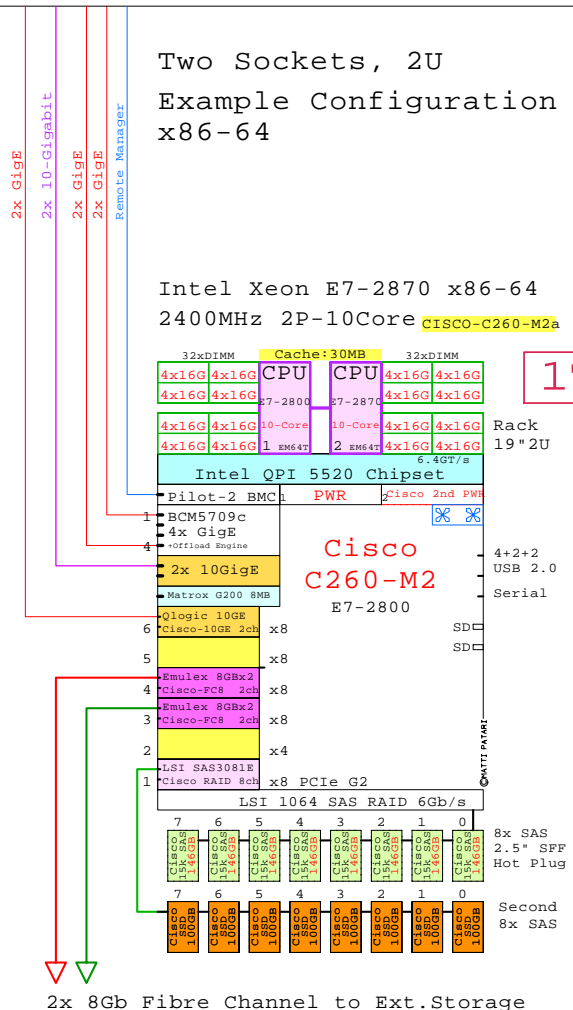
Cisco UCS C260-M2
Xeon E7-2800

Internal Options:

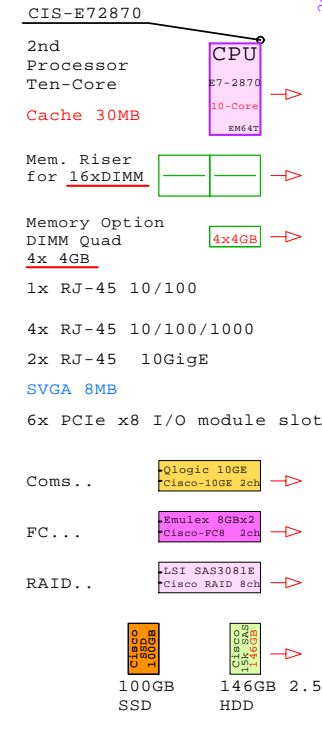


Two Sockets, 2U
Example Configuration
x86-64

Intel Xeon E7-2870 x86-64
2400MHz 2P-10Core **CISCO-C260-M2a**

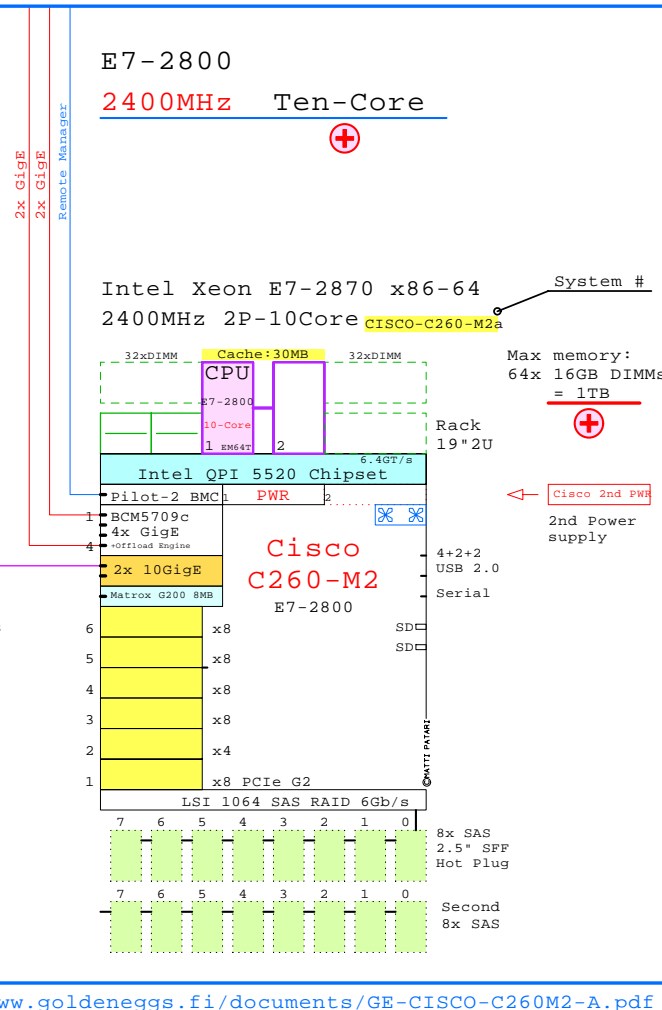


Extended-Memory



E7-2800
2400MHz Ten-Core

Intel Xeon E7-2870 x86-64
2400MHz 2P-10Core **CISCO-C260-M2a**

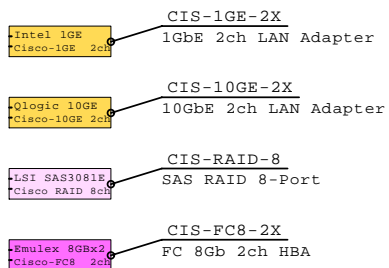


2x 8Gb Fibre Channel to Ext.Storage

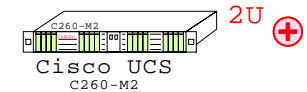
Link to this document: <http://www.goldeneggs.fi/documents/GE-CISCO-C260M2-A.pdf>

Parts list for the 1TB Cisco UCS C260-M2 system above

Part Number	Qty	Description
1	1	CISCO-C260M2A 1 Cisco C260-M2 2P I 10-C E7-2870 30MB 0GB
1.1	1	CIS-1-PWR 1 Cisco UCS C200 second power supply
1.2	8	CIS-100G-25 8 Cisco SAS 100GB SSD 2.5" HotPlug
1.3	1	CIS-10GE-2X 1 Cisco Qlogic 10GE CNA 2-ch adapter
1.4	8	CIS-146G-25 8 Cisco SAS 146GB 15k 2.5" HDD HotPlug
1.5	1	CIS-E72870 1 Disco Xeon E7-2870 10-Core 2.4GHz 30MB P
1.6	2	CIS-FC8-2X 2 Cisco Emulex FC 8Gb 2-ch PCIe HBA
1.7	4	CIS-M4X16G 4 Cisco 4x16GB DIMM Memory kit C250/60
1.8	1	CIS-RAID-8 1 Cisco LSI 8-port 6Gb/s SAS RAID HBA
1.9	1	CIS-RISER16 1 Cisco Memory Riser 16xDIMM for C260
1.9.1	4	CIS-M4X16G 4 Cisco 4x16GB DIMM Memory kit C250/60
1.10	1	CIS-RISER16 1 Cisco Memory Riser 16xDIMM for C260
1.10.1	4	CIS-M4X16G 4 Cisco 4x16GB DIMM Memory kit C250/60
1.11	1	CIS-RISER16 1 Cisco Memory Riser 16xDIMM for C260
1.11.1	4	CIS-M4X16G 4 Cisco 4x16GB DIMM Memory kit C250/60



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



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

GoldenEggs Home:
<http://www.goldeneggs.fi>

© 2011 Matti Patari, All rights reserved.

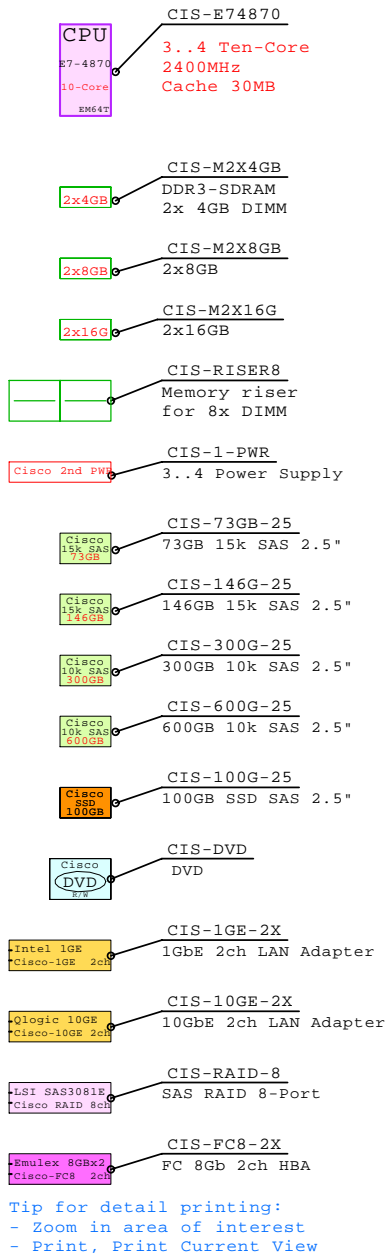
GOLDEN EGGS Visuals™ Helsinki	05-Jun-2011	GE-CISCO-C260M2-A
	Matti.Patari@Kolumbus.Fi	

Cisco C260-M2 2P/2U E7-2870 2400M
GOLDEN EGGS Visuals, Helsinki

Cisco UCS C260-M2 Intel Ten-Core E7-2800 2P/2U

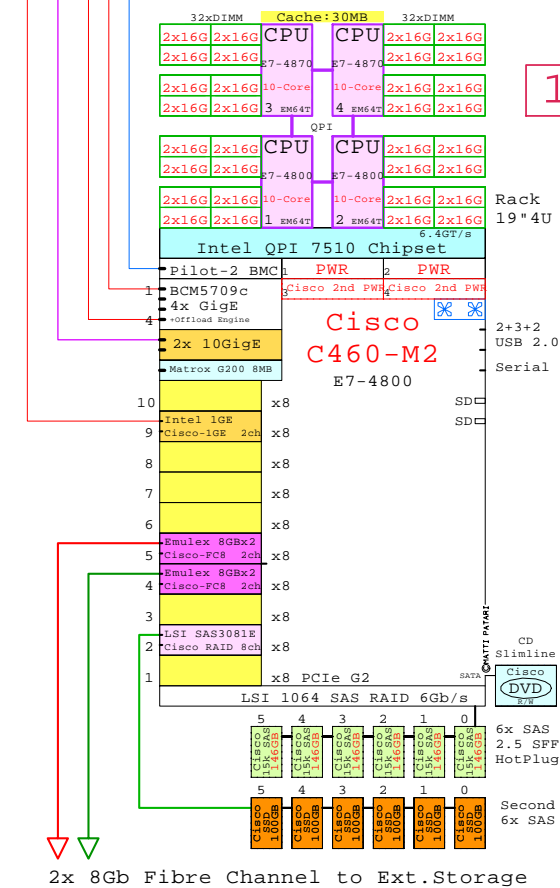
Cisco UCS C460-M2
Xeon E7-4800

Internal Options:



Four Sockets, 4U
Example Configuration
x86-64

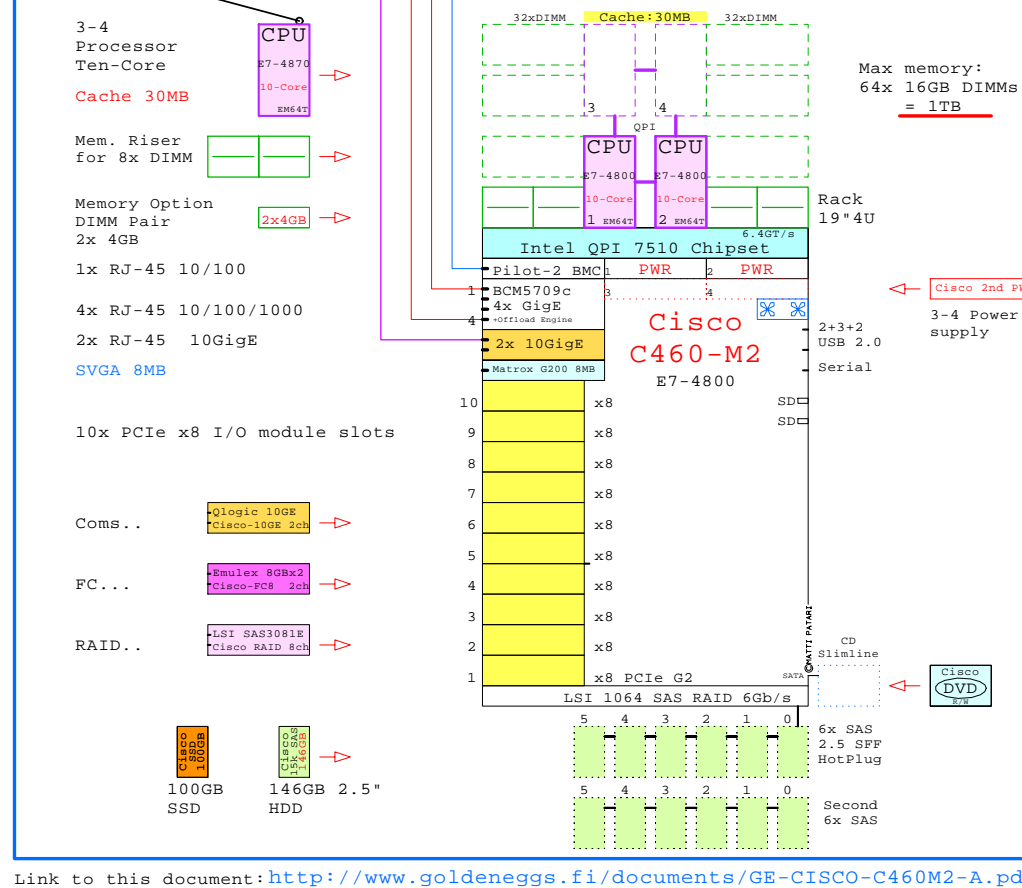
Intel Xeon E7-4870 x86-64
2400MHz 4P-10Core
CISCO-C460-M2a



1TB

E7-4800
2400MHz Ten-Core

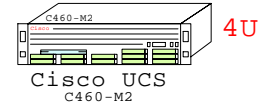
Intel Xeon E7-4870 x86-64
2400MHz 4P-10Core
CISCO-C460-M2a



Max memory:
64x 16GB DIMMs
= 1TB

Parts list for the Cisco UCS C460-M2 system above

Part Number	Qty	Description
CIS-1-PWR	2	Cisco UCS C200 second power supply
CIS-100G-25	6	Cisco SAS 100GB SSD 2.5" HotPlug
CIS-146G-25	6	Cisco SAS 146GB 15k 2.5" HDD HotPlug
CIS-1GE-2X	1	Cisco Intel IGE 2-Port server adapter
CIS-C460M2A	1	Cisco C460-M2 4P I 10-C E7-4870 30MB OGB
CIS-DVD	1	Cisco CD-RW/DVD-ROM Option kit, slimline
CIS-E74870	2	Disco Xeon E7-4870 10-Core 2.4GHz 30MB P
CIS-FC8-2X	2	Cisco Emulex FC 8Gb 2-ch PCIe HBA
CIS-M2X16G	32	Cisco 2x16GB DIMM Memory kit C460
CIS-RAID-8	1	Cisco LSI 8-port 6Gb/s SAS RAID HBA
CIS-RISER8	6	Cisco Memory Riser 8xDIMM for C460



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

GoldenEggs Home:
<http://www.goldeneggs.fi>

GOLDEN EGGS Visuals™ Helsinki	05-Jun-2011	GE-CISCO-C460M2-A
		Matti.Patari@Kolumbus.Fi

Cisco UCS C460-M2 Intel Ten-Core E7-4800 4P/4U

Cisco C460-M2 4P/4U E7-4870 2400M
GOLDEN EGGS Visuals, Helsinki
First rev 08-Apr-11

Welcome to GoldenEggs Visual Configurations

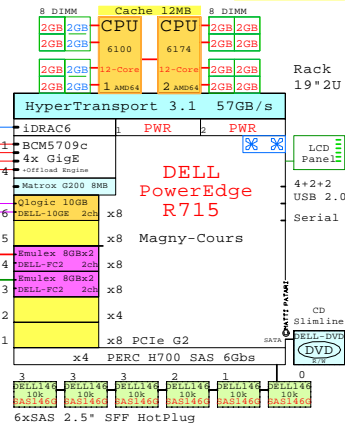
<http://www.goldeneggs.fi>

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

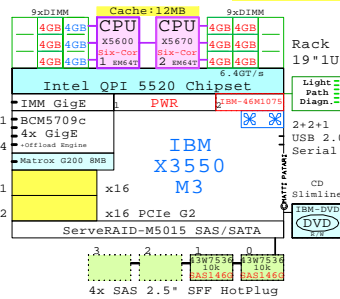
2200MHz 2P 12-Cor **DELL-R715-Axx**



2x 8Gb Fibre Channel to external storage

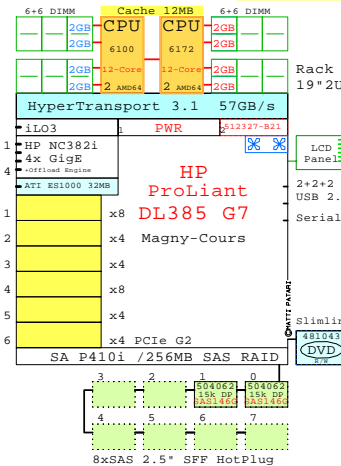
Intel Xeon X5670 x86-64

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



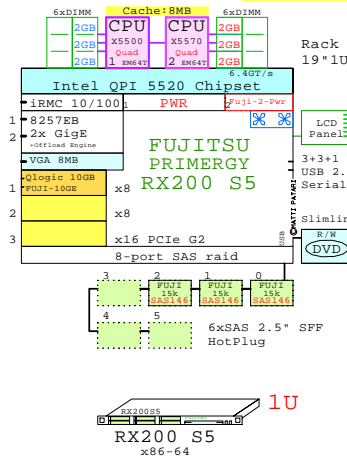
AMD Opteron 6172 x86-64

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



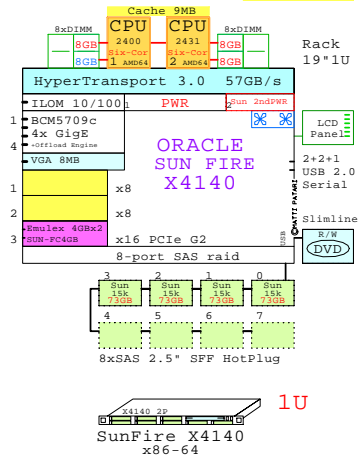
Intel Xeon X5570 x86-64

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.

Follow GoldenEggs on Twitter:

[@goldeneggsfi](https://twitter.com/goldeneggsfi)

GE-links to x86 FAMILY Pictures:

- <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-FUJII-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-SUN-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-ACER-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-LENOVO-FAMILY-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-CISCO-FAMILY-A.pdf>

GE-links to x86 COMPARE Pictures:

- <http://www.goldeneggs.fi/documents/GE-COMPARE-2P-1U-A.pdf>
- <http://www.goldeneggs.fi/documents/GE-COMPARE-2P-2U-A.pdf>
- <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>

© 2010 Matti Patari, All rights reserved.

GOLDEN EGGS Visuals™ Helsinki	03-Jun-2011	GE-Welcomel
		Matti.Patari@Kolumbus.Fi

Welcome to Visual Configurations
GOLDEN EGGS Visuals, Helsinki

GE-Welcomel