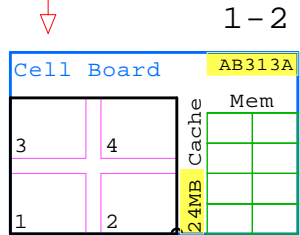


1600MHz IA64 Montecito

Dual Core

1-4 AB452A
CPU Dual IA64
 Dual Core
 1600MHz 24MB

OR
 1-4 AB584A
CPU Dual IA64
 Dual Core
 1600MHz 18MB



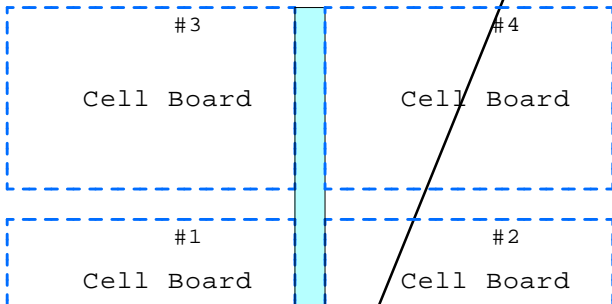
AB313A
 2GB
 AB453A
 1-8

Max memory
 8x8GBx4=256GB

AD147A
 1-4
 AD147A
 15k
 73GB
 36...300GB

Intel Itanium2 IA64
 1600MHz Base System

Base System
 order number
 AB297A



I/O 8640
 MngtLAN
 1xRS232
 GigaE
 SCSI

U320 * * * * U320

HP
Integrity rx8640
 Dual Core
 Montecito

PCI-X space

133 133 266 266 266 266 266 133 133MHz PCI-X 64bit

1 0 1 0

Ultra320 HotPlug

AB351B DVD R/W
 1-2
 DAT 76GB AB400A
 1-2

1-2

AB314A
 I/O 8640
 MngtLAN
 1xRS232
 GigaE
 SCSI

Core I/O

AD160A
 8
 3.3V 7
 133 3.3V 6
 266 3.3V 5
 266 3.3V 4
 266 3.3V 3
 133 3.3V 2
 133 3.3V 1

8xPCI-X backplane

Rack 17U

Server Expansion

Rack 9U

Cable to Host I/O 8640
 MngtLAN
 1xRS232
 GigaE
 SCSI

U320 * * * * U320

HP
Server Expansion Unit

PCI-X space

133 133 266 266 266 266 266 133 133MHz PCI-X 64bit

1 0 1 0

Ultra320 HotPlug

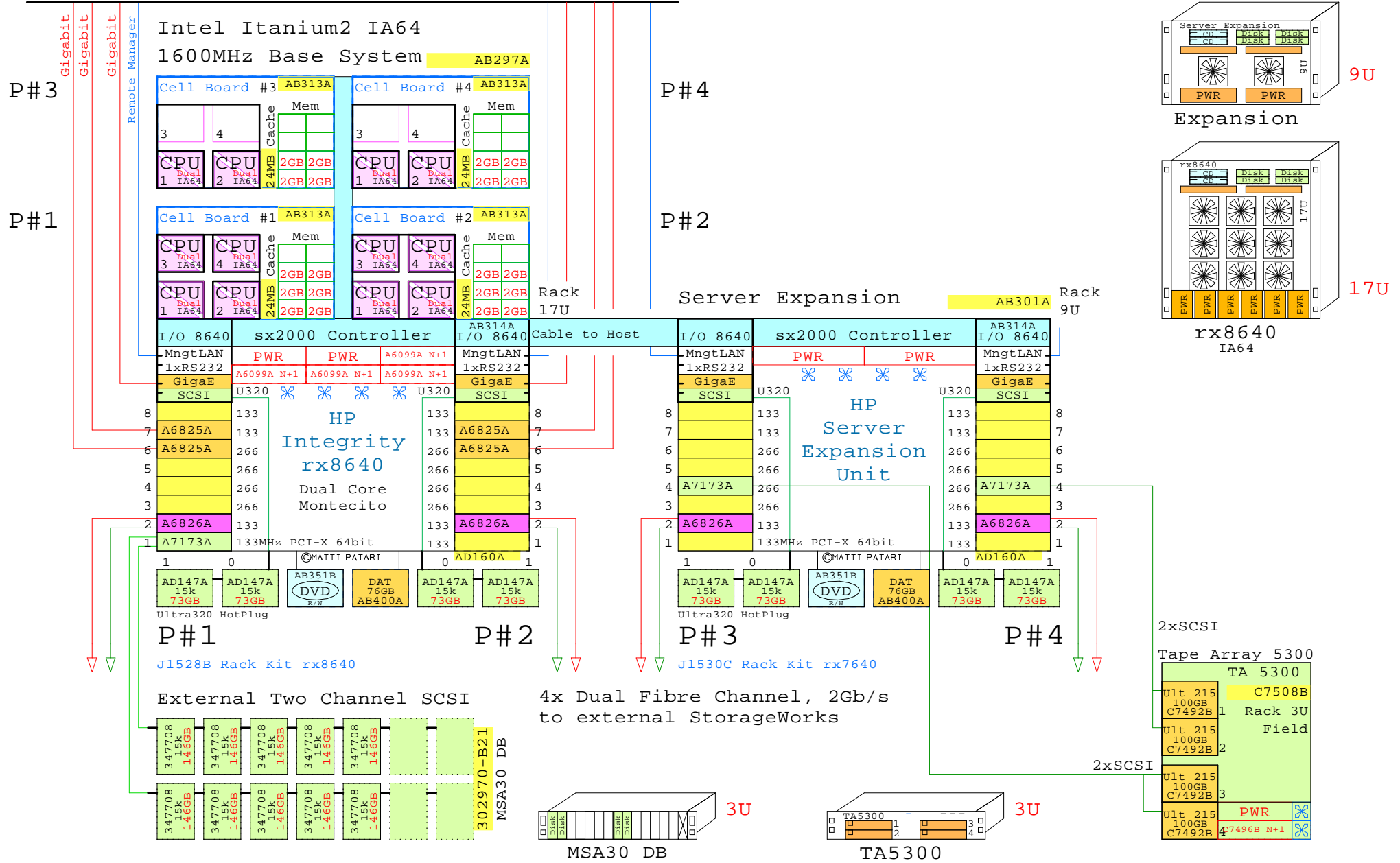
1-4
 A6099A
 Add one powersupply per Cell
 AD147A
 15k
 73GB
 36...300GB

AB351B DVD R/W
 1-2
 DAT 76GB AB400A
 1-2

This visual core entertainment was brought to You by:
 Matti.Patari@Kolumbus.Fi Lappi-Finland, next to Santa.

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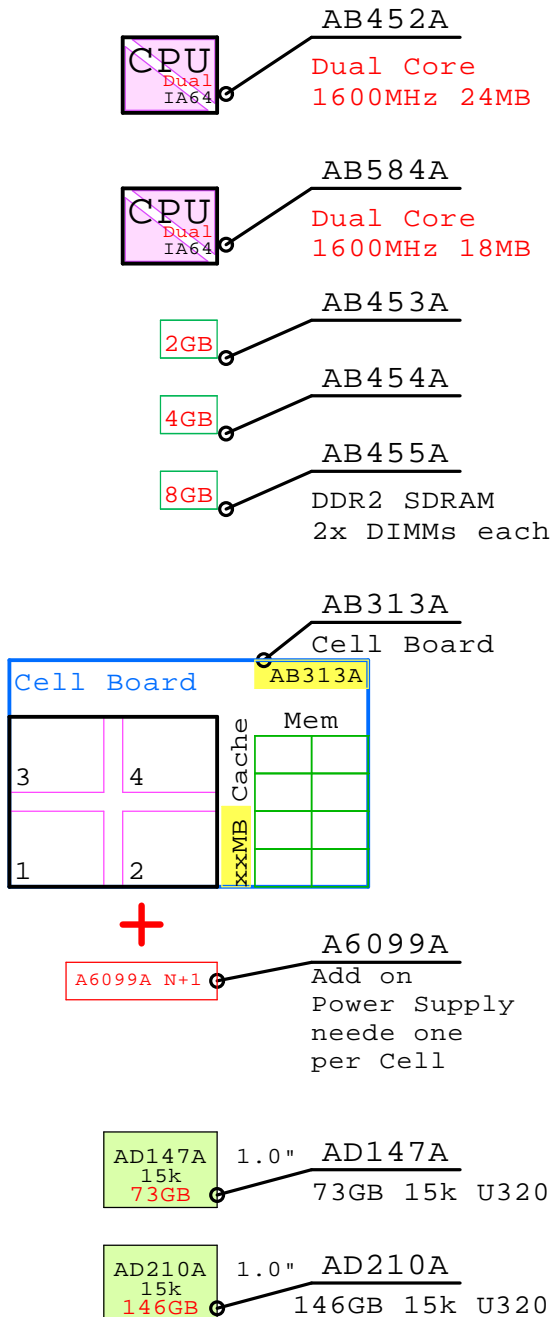
rx8640, Four Partitions



Link to the most fresh version of this document:
<http://goldeneggs.spyderbyte.com/geggs/GERx8640x.pdf>

Internal Options:

BOM for rx8640 Four Partition System



	Part Number	Qty	Description
1	AB297A	1	HP rx8640 BaseSystem,NO Cell,Mem,IO,Disk
1.1	A6099A	4	N+1 Power supply rx8620
1.2	A6825A	2	1000Base-TX Gigabit copper HP-UX,OVMS
1.3	A6826A	1	PCI-X 2Gb/s 2-ch FibreChan Lin OVMS
1.4	A7173A	1	Dual-port Ultra320 SCSI OpenVMS
1.5	AB313A	1	Cell Board HP rx7640/8640 NO CPU,Mem
1.5.1	AB452A	2	1.6GHz-24MB DC Itanium2 Montecito rx7640
1.5.2	AB453A	4	Memory 2GB rx7640/8640 DRAM2 2x1GB pair
1.6	AB313A	1	Cell Board HP rx7640/8640 NO CPU,Mem
1.6.1	AB452A	2	1.6GHz-24MB DC Itanium2 Montecito rx7640
1.6.2	AB453A	4	Memory 2GB rx7640/8640 DRAM2 2x1GB pair
1.7	AB313A	1	Cell Board HP rx7640/8640 NO CPU,Mem
1.7.1	AB452A	4	1.6GHz-24MB DC Itanium2 Montecito rx7640
1.7.2	AB453A	6	Memory 2GB rx7640/8640 DRAM2 2x1GB pair
1.8	AB313A	1	Cell Board HP rx7640/8640 NO CPU,Mem
1.8.1	AB452A	4	1.6GHz-24MB DC Itanium2 Montecito rx7640
1.8.2	AB453A	6	Memory 2GB rx7640/8640 DRAM2 2x1GB pair
1.9	AB314A	1	Core I/O HP rx8640, LAN iLo Ultra3 Conso
1.10	AB351B	1	DVD+RW rx7640
1.11	AB400A	1	HP DAT 76GB rx7640
1.12	AD147A	4	73GB 15000r U320 Hot-Plug rx7620
1.13	AD160A	1	HP I/O Backplane 8xPCI-X rx7640/8640
1.13.1	A6825A	2	1000Base-TX Gigabit copper HP-UX,OVMS
1.13.2	A6826A	1	PCI-X 2Gb/s 2-ch FibreChan Lin OVMS
2	AB301A	1	Server Expansion Unit HP rx8640 9U
2.1	A6826A	1	PCI-X 2Gb/s 2-ch FibreChan Lin OVMS
2.2	A7173A	1	Dual-port Ultra320 SCSI OpenVMS
2.3	AB314A	1	Core I/O HP rx8640, LAN iLo Ultra3 Conso
2.4	AB351B	1	DVD+RW rx7640
2.5	AB400A	1	HP DAT 76GB rx7640
2.6	AD147A	4	73GB 15000r U320 Hot-Plug rx7620
2.7	AD160A	1	HP I/O Backplane 8xPCI-X rx7640/8640
2.7.1	A6826A	1	PCI-X 2Gb/s 2-ch FibreChan Lin OVMS
2.7.2	A7173A	1	Dual-port Ultra320 SCSI OpenVMS
3	302970-B21	1	MSA30 Dual Buss Ultra320 7+7 1"
3.1	347708-B21	10	146.8GB 15000r U320 disk 1"
4	C7508B	1	HP Tape Array 5300 Rack 3U no Dri field
4.1	C7492B	4	HP Ultrium 215 100GB array module
4.2	C7496B	1	HP Tape Array 5300 2nd power and fan
5	J1528B	1	Rack Kit for rx8640
6	J1530C	1	Rack Kit for rx7640, or Seu



Golden Eggs home:

<http://goldeneggs.spyderbyte.com/>

<http://www.LinuxHPC.org>

<http://www.WinHPC.org>

<http://www.OpenVMS.org>

Your comments are appreciated.

Matti.Patari@Kolumbus.Fi GE-Painter.

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GOLDEN EGGS
Visuals™
Helsinki

12-Dec-2006

GErx8640a

Matti.Patari@Kolumbus.Fi

rx8640 16P

HP Integrity rx8640 1600MHz IA64

GOLDEN EGGS Visuals, Helsinki

First rev 12-Dec-2006