

ProLiant Server Blades Intel Processors

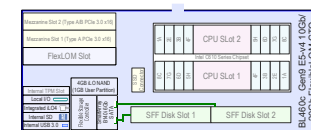
BL460c Gen9

E5-2600 v4 Models

813192-B21	E5-2609v4 1P 16GB-R H244br
813193-B21	E5-2620v4 1P 16GB-R H244br
813194-B21	E5-2640v4 1P 32GB-R P244br
813195-B21	E5-2650v4 2P 64GB-R P244br
813196-B21	E5-2660v4 2P 128GB-R P244br
813197-B21	E5-2680v4 2P 256GB-R P244br

E5-2600 v3 Models

727026-B21	E5-2609v3 1P 16GB-R H244br
727027-B21	E5-2620v3 1P 16GB-R H244br
727028-B21	E5-2640v3 1P 32GB-R P244br
727029-B21	E5-2650v3 1P 32GB-R P244br
727030-B21	E5-2660v3 2P 64GB-R P244br
727031-B21	E5-2670v3 2P 128GB-R P244br



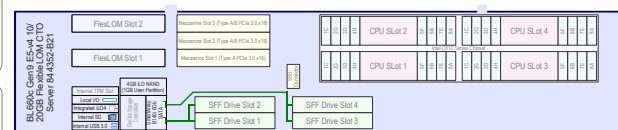
BL660c Gen9

E5-4600 v4 Models

844355-B21	E54650v4 (2.2GHz/14c) 4P 128GB-L P246br
844356-B21	E54610v4 (1.8GHz/10c) 2P 64GB-R P246br

E5-4600 v3 Models

728349-B21	E5-4650v3 4P 128GB-LR P246br
728350-B21	E5-4620v3 4P 128GB-R, P246br
728351-B21	E5-4610v3 2P 64GB-R P246br

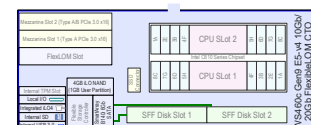
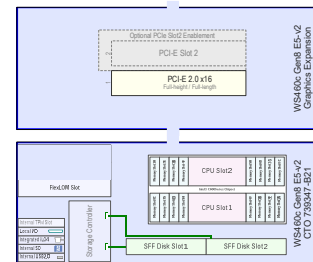
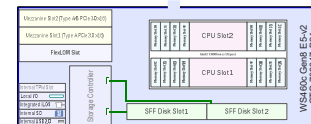


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VISUAL SOLUTION DOCUMENT

description:
Visual Solution Document For ProLiant BL c-Class Blade Servers

author:
VSD Grafx Inc.

date:
Mar 28, 2017

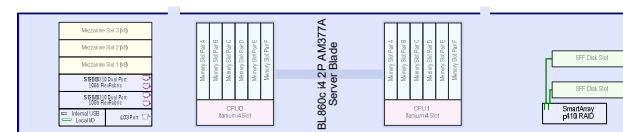
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Integrity Server Blades



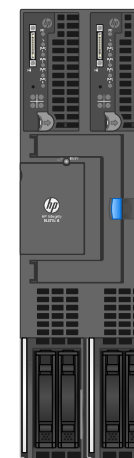
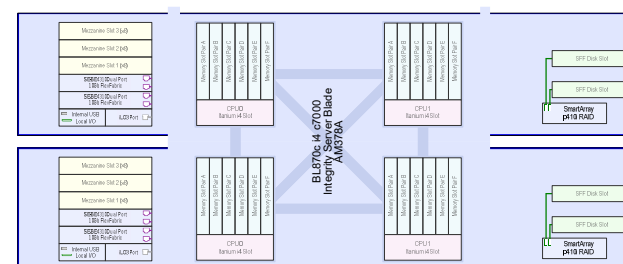
BL860c i4

Part Number	Description
AM377A	BL860ci4 P410i/512M



BL870c i4

Part Number	Description
AM378A	BL870ci4 for c7000 Enclosure, P410i
AM379A	BL870ci4 for c3000 Enclosure, P410i



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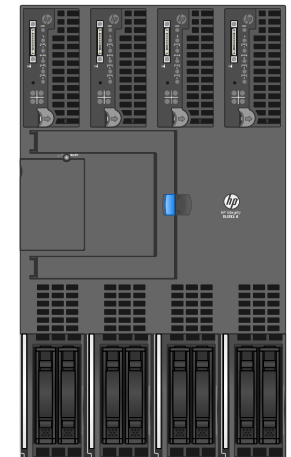
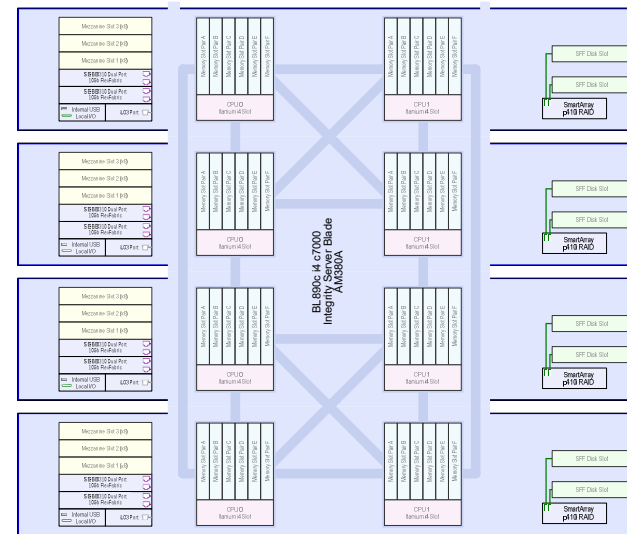


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Integrity Server Blades

BL890c i4

Part Number	Description
AM380A	BL890ci4 for c7000 Enclosure, P410i
AM381A	BL890ci4 for c3000 Enclosure, P410i



CPU

8-Core

- 4x 8500 AC 2.50GHz 35MB cache 170W AM380A
- 4x 8500 AC 2.50GHz 35MB cache 170W AM380A

4-Core

- 4x 8500 AC 2.50GHz 35MB cache 170W AM380A
- 4x 8500 AC 1.75GHz 20MB cache 130W AM380A

Memory

RDIMMs

- 4x 8GB 1.5V DDR3 1600MHz 128GB 128GB 128GB 128GB
- 4x 8GB 1.5V DDR3 1600MHz 128GB 128GB 128GB 128GB

Hard Drive

HP SAS SFF HDD

- 8x 600GB 15K SAS 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm
- 8x 600GB 15K SAS 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm

HP SAS SFF SSD

- 8x 600GB 15K SAS 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm
- 8x 600GB 15K SAS 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm 15K 9.5mm

Ethernet Mezzanine

- 1x 10GbE Dual Port 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE
- 1x 10GbE Dual Port 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE 10GbE

FC Mezzanine

- 1x 16GbE Dual Port 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE
- 1x 16GbE Dual Port 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE 16GbE

Storage Controller Mezzanine

- 1x SmartKey p19 RAID Controller 19GB 19GB 19GB 19GB 19GB 19GB 19GB 19GB

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ProLiant BladeSystem c-Class Infrastructure Components

BL c-Class Blade Server c3000 Enclosures

Part Number	Description
696910-B21	BLc3000 Platinum CTO Enclosure w/ 6 Fans, ROHS Trial Insight Control License
AH257C	Integrity BLc3000 CTO Enclosure
696908-B21	Supports a full enclosure of 8 blades
696909-B21	BLc3000 Platinum Enclosure, 4 Power Supplies 6 Fans ROHS 8 Insight Control Licenses
	BLc3000 Platinum Enclosure, 4 Power Supplies 6 Fans ROHS Trial Insight Control Licenses

BL c3000 Interconnects

Part Number	Description
638526-B21	Virtual Connect Flex-10/10D Module
658247-B21	HP 6125G Ethernet Blade Switch
658250-B21	HP 6125G/XG Ethernet Blade Switch
406740-B21	1Gb Ethernet Pass-Thru Module
538113-B21	HP 10GbE Pass-Thru Module
641146-B21	HP Cisco B22HP Fabric Extender
466482-B21	HP Virtual Connect 8Gb 24-Port FC Module
572018-B21	HP Virtual Connect 8Gb 20-Port FC Module
403626-B21	4Gb Fibre Channel Pass-Thru Module
AJ820A	8/12c SAN Switch c-Class BladeSystem
AJ821A	8/24c SAN Switch c-Class BladeSystem
AJ822A	8/24c SAN Switch Power Pack c-Class BladeSystem
BK763A	HP 6Gb SAS BL Switch – Single Pack
BK764A	HP 6Gb SAS BL Switch – Dual Pack

BL c3000 Power Supply

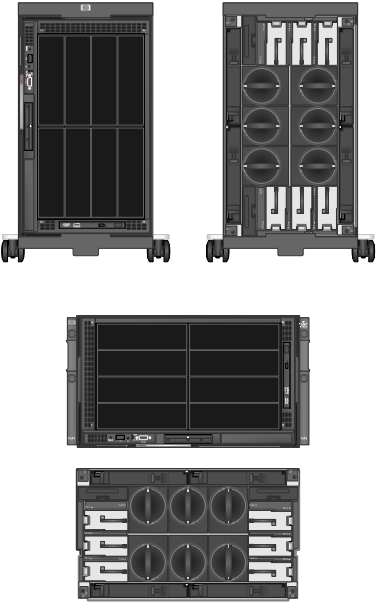
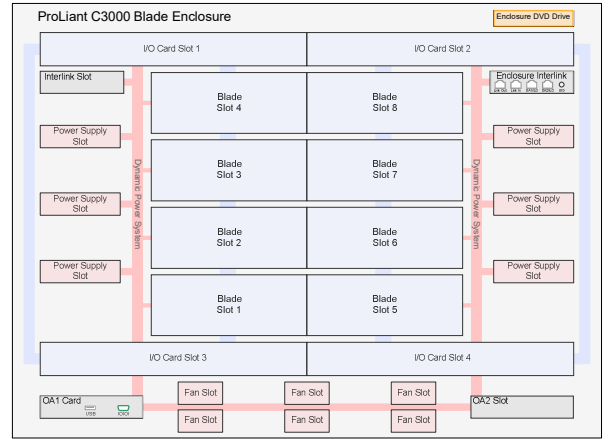
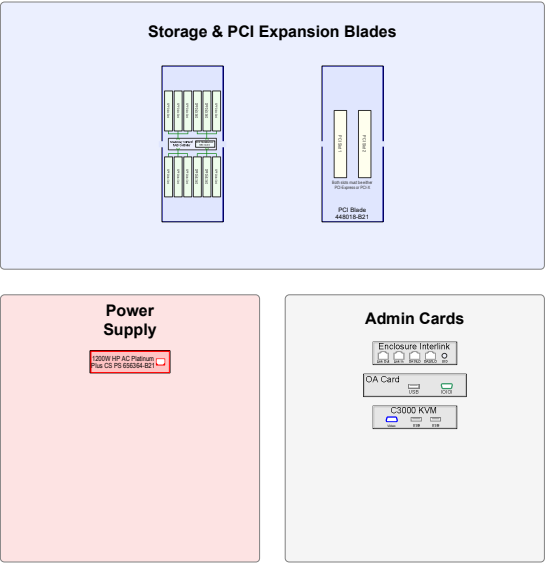
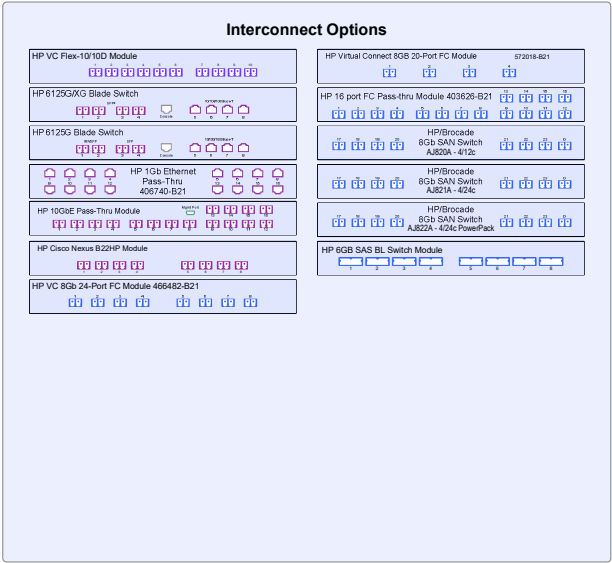
Part Number	Description
656364-B21	HP 1200W CS Platinum Plus Hot Plug AC Power Supply

BL c3000 Storage and PCI Blades

Part Number	Description
QA918A	HP D2220sb CTO Storage Blade
448018-B21	HP PCI Expansion Blade

Full Height c-Class Blades require the following to connect to above Blade options:

431643-B21	HP PCI-E Mezzanine pass-thru card
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ProLiant BladeSystem c-Class Infrastructure Components

BL c-Class Blade Server c7000 Enclosures

Part Number	Description
681844-B21	BLc7000 CTO Platinum Enclosure w/ ROHS Trial IC License
AD361D	HP Integrity BLc7000 CTO Enclosure
763850-B21	BLc7000 Platinum Enclosure, 1 Phase, 6 Power Supplies, 10 Fans
	ROHS 16 OneView Licenses
681842-B21	BLc7000 Platinum Enclosure, 1 Phase, 6 Power Supplies, 10 Fans
	ROHS 16 IC Licenses
681840-B21	BLc7000 Platinum Enclosure, 1 Phase, 2 Power Supplies, 4 Fans
	ROHS Trial IC Licenses

BL c7000 Interconnects

Part Number	Description
691367-B21	Virtual Connect Flex-20/40 FB Module
638526-B21	Virtual Connect Flex-10/10D Module
571956-B21	Virtual Connect FlexFabric 10Gb/24Port Module
658247-B21	HP 6125G Ethernet Blade Switch
658250-B21	HP 6125G/XG Ethernet Blade Switch
406740-B21	1Gb Ethernet Pass-Thru Module
538113-B21	HP 10GbE Pass-Thru Module
689638-B21	Mellanox SX1018HP Ethernet Switch
641146-B21	HP Cisco B22HP Fabric Extender
751465-B21	HP Virtual Connect 16Gb 24-Port FC Module
466482-B21	HP Virtual Connect 8Gb 24-Port FC Module
572018-B21	HP Virtual Connect 8Gb 20-Port FC Module
403626-B21	4Gb Fibre Channel Pass-Thru Module
AJ820A	8/12c SAN Switch c-Class BladeSystem
AJ821A	8/24c SAN Switch c-Class BladeSystem
AJ822A	8/24c SAN Switch Power Pack c-Class BladeSystem
C8S46A	Brocade 16Gb/28 SAN Switch
C8S45A	Brocade 16Gb/16 SAN Switch
BK763A	HP 6Gb SAS BL Switch – Single Pack
BK764A	HP 6Gb SAS BL Switch – Dual Pack
648311-B21	4X FDR IB Managed Switch Module
648312-B21	4X FDR IB Switch Module

BL c7000 Power Supply

Part Number	Description
733459-B21	C7000 Enclosure 2650W Platinum Hot Plug Power Supply
753618-B21	2650W Universal Hot Plug Power Supply
588603-B21	C7000 Enclosure 2400W Platinum Hot Plug Power Supply
789934-B21	2650W Performance -48VDC Platinum Hot Plug Power Supply

BL c7000 Active Cool Fan

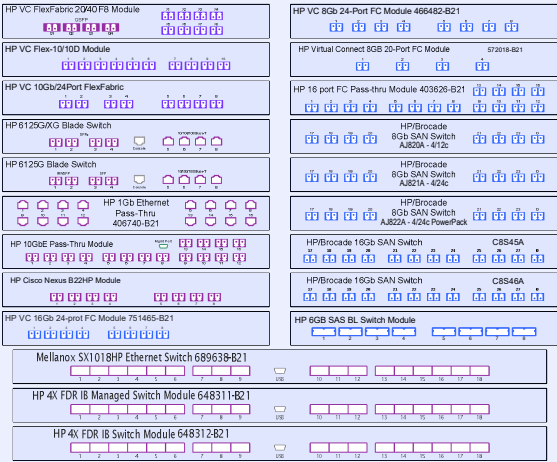
Part Number	Description
412140-B21	HP Active Cool 200 Fan Option Kit

BL c7000 Storage and PCI Blades

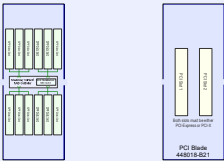
Part Number	Description
QW918A	HP D2220sb CTO Storage Blade
448018-B21	HP PCI Expansion Blade

Full Height c-Class Blades require the following to connect to above Blade options:
431643-B21 HP PCI-E Mezzanine pass-thru card

Interconnect Options



Storage & PCI Expansion Blades



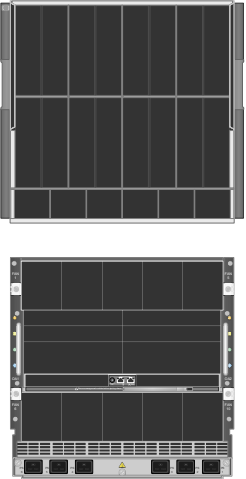
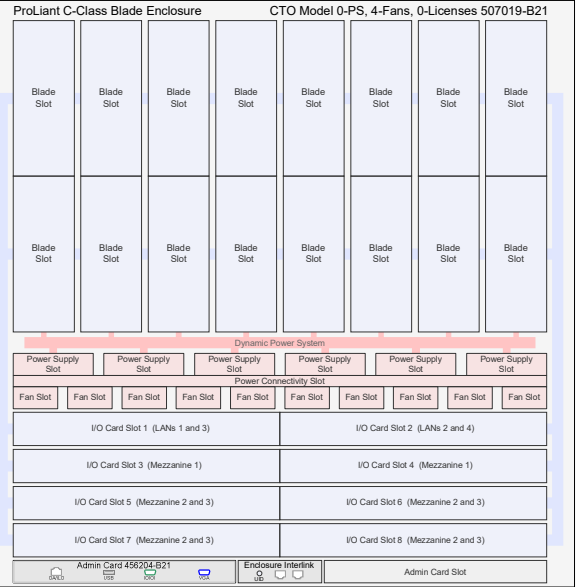
Admin Cards



Power Supply



Active Cool Fan



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