



IBM Power Systems feature new I/O enhancements

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At a glance

The IBM® Power Systems™ family offers the following new adapter and drive options:

- 4-core Power S814 for entry clients (#EPXK #EPZK, #EPYK)
- 3D Graphics Adapter (#EC41, #EC42)
- 387 GB solid-state drives (SSD)(#ES0J, #ES0K)
- Group of six 387 GB SSDs (#ESRJ, #ESRK)
- EPX30 carrier to accommodate 1.8-inch SSDs (#EB2W)
- Load Source Specify (387 GB 1.8" SSD for IBM i) (#ELSK)
- Coherent Accelerator Processor Interface (CAPI) enablement activation (#EC2A)

Overview

4-Core Processor Feature

For clients that need fewer than six or eight processor cores in the single-socket IBM Power System S814 server, a new 4-Core 3.02 GHz POWER8 Processor Card (#EPXK) is available. There is no upgrade to increase the cores on this feature. This server supports AIX, IBM i, and Linux, but is especially attractive to IBM i clients with its P05 software tier. It is designed to meet many entry client requirements with its 64 GB memory maximum, eight SAS drives in its system unit maximum, and seven PCIe slots maximum. The IBM i Solution Edition (#4928) and Capacity Backup option for IBM i (#0444) are supported.

Scale-out async adapters

IBM is adding support of the existing 4-port Async PCIe adapter (#5277 and #5785) to the scale-out servers for AIX® and Linux™. Plus IBM is making the existing 2-port communications PCIe adapter (#2893 and #2894) orderable for IBM i on scale-out servers. These adapters replace the originally announced 2-port Async PCIe adapter (#5289 and #5290), which will not be supported on scale-out servers.

Red Hat Enterprise Linux Graphics Adapter

IBM is introducing a new 3D graphics adapter (low-profile #EC41 and full-height #EC42) on selected IBM POWER7+™ and POWER8™ servers running Red Hat Enterprise Linux 7, or later.

Solid-state drives for EXP30 Ultra Drawer

The EXP30 Ultra Drawer (#EDR1) is updated with third-generation eMLC 1.8-inch SSD. A 387 GB solid-state drive for AIX/Linux (#ES0J) and for IBM i (#ES0K) and an attractively priced six-pack feature ESRJ for AIX/Linux and feature ESRK for IBM i are available for these POWER7+ servers:

- Power® 720, 730, 740, 750, 760, 770, and 780
- PowerLinux™ 7R1, 7R2, and 7R4

The feature ES0J and ES0K SSD were announced earlier for the scale-out servers' system unit, but in the EXP30 drawer replace the previously available eMLC feature ES02/ES04/EL34 and ESR2/ESR4 SSD in new proposals. The existing 1.8-inch SSD and new 1.8-inch SSD can be intermixed in the same EXP30 Ultra drawer. When placed in an EXP30 Ultra Drawer, one new EXP30 Carrier (#EB2W) is used with each feature ES0J and ES0K. Six features EB2W are required for each six-pack feature ESRJ or feature ESRK.

Clients running IBM i can now specify the 387 GB 1.8-inch SSD as a load source (#ELSK).

Additional SFF-1 to SFF-2 conversions

IBM provides additional configuration flexibility by allowing existing SAS drives installed in POWER7® and POWER7+ system units or in the feature 5802/EL36 I/O drawer to be converted to drives that fit in the feature 5887/EL1S EXP24S storage drawer. The conversion provides a different carrier or tray onto which the client can move existing disk or SSD and changes the SFF-1 feature code to a SFF-2 EXP24S-based feature code. A number of conversions were announced earlier with the scale-out server announcement and these additional conversions provide a more complete set.

- 387 GB SFF-1 SSD for AIX/Linux with eMLC feature ES0A moved to conversion carrier #EH14 GEN2-S Conversion Carrier for Feature ES0C 387 GB SSD
- 387 GB SFF-1 SSD for AIX/Linux with eMLC feature EQ0A quantity 150 of #ES0A moved to conversion carrier (#EH15 GEN2-S Conversion Carriers for Feature EQ0C 387 GB SSD)
- Feature ES0B 387 GB SFF-2 SSD for IBM i with eMLC moved to conversion carrier #EH16 GEN2-S Conversion Carrier for Feature ES0D 387 GB SSD (IBM i)
- Feature EQ0B 387 GB SFF-2 SSD for IBM i with eMLC quantity 150 of #ES0B moved to conversion carrier #EH17 GEN2-S Conversion Carrier for feature EQ0D 3787 GB (IBM i)

Additional Ethernet adapter support

Support for the PCIe2 LP 4-Port (10Gb+1GbE) SR+RJ45 Adapter (#EN0T) and the PCIe2 LP 4-Port (10Gb+1GbE) Copper SFP+RJ45 Adapter is expanded to include the Power S812L and S822L servers. This adapter provides very cost-effective Ethernet NIC function, but does not provide Linux network install capability.

Coherent Accelerator Processor Interface

Coherent Accelerator Processor Interface (CAPI) address translation enables use of effective addresses as used on the host processors. It avoids I/O setup costs and enables direct user-space communication with accelerator, which can be leveraged by both IBM or OEM CAPI-aware adapters and applications. To help clients plan for its future deployment, IBM is announcing the enablement feature code for this capability on Scale-out servers. The CAPI Activation feature code (#EC2A) is a chargeable feature that will enable the use of separately acquired CAPI hardware and applications when they are available.

Key prerequisites

None

Planned availability date

- June 10, 2014, for:
 - Features EB72, ESC0, and ESC5
 - Features EUC6 and EUC7 on MTMs 8246-L2T, 8247-22L, and 8248-L4T
- June 13, 2014, for:
 - Feature 5277 on MTMs 8247-22L and 8284-22A
 - Feature 5785 on MTMs 8286-41A and 8286-42A
 - Feature EC41 on MTMs 8247-22L and 8284-22A
 - Feature EC42 on MTMs 8286-41A and 8286-42A
- June 20, 2014, for:
 - Features 3684 and 3685 on MTMs 8247-22L, 8284-22A, 8286-41A, and 8286-42A
 - Features EH14, EH15, EH16, EH17, and EN0K
 - Features EN0T, and EN0V on MTM 8247-22L
- June 24, 2014, for:
 - Features 4928, EC2A, EPXK, EPYK, and EPZK
- July 18, 2014, for:
 - Features EB2W, ELSK, ES0J, ES0K, ESRJ, and ESRK
 - Feature EC41 on MTMs 8202-E4D, 8205-E6D, 8231-E1D, 8231-E2D, 8246-L1D, 8246-L1T, 8246-L2D, 8246-L2T, and 8268-E1D
 - Feature EC42 on MTMs 8202-E4D and 8205-E6D
- August 29, 2014, for features 3684, 3685, 5277, EC41, ELQG, EN0T, EN0V, EUC6, and EUC7 on MTM 8247-21L

Description

The 4-core Power S814 offers entry clients running AIX, IBM i, or Linux an entry server based on POWER8 technology. It uses a 3.02 GHz POWER8 Processor Card (#EPXK) with processor core activation features (#EPZK and #EPYK). All four processor cores must be activated, but a factory deconfiguration feature (#2319) is supported. The chargeable feature EPYK is used for these activations. Three no-charge EPZK features are used with the IBM Solution Edition (#4928) in place of three EPYK activation features for those eligible to use the solution edition.

The 4-core S814 supports the 16GB memory feature (#EM8B). A max of four of these features is supported for a system maximum of 64 GB.

The 4-core S814 supports a maximum of eight disk drives or eight SSDs or a combination of eight disks and SSDs in the system unit. This is true with any of the storage backplane options selected. SAS drives located in feature code I/O drawers such as the EXP24S (#5887) are not supported. Attachment to SANs is supported.

The following previously announced SFF-3 SAS drives are supported in the SAS bays of the 4-core S814 system unit:

- 146 GB 15k rpm disk drive (#ESDT) available in July
- 139 GB 15k rpm disk drive (#ESDU) available in July
- 300 GB 15k rpm disk drive (#ESDB) available in June

- 283 GB 15k rpm disk drive (#ESDA) available in June
- 387 GB SSD (#ES0L and #ES0M) available in June

Other SFF-3 drives are not supported.

The 4-core S814 has seven PCIe Gen3 slots. One slot is used by one 4-port 1Gb Ethernet adapter. If the expanded function backplane is chosen, another PCIe port is used, leaving five ports. The statement of direction made for a future PCIe expansion drawer does not apply to the 4-core S814.

The Capacity BackUp specify feature 0444 is supported with the 4-core processor card (#EPXK) in IBM i environments. With its P05 software, it can be paired with a POWER7 or POWER7+ or POWER8 server with P05 or P10 software tier.

Note: For Italy only, there is a maximum of 40 user entitlements with the 4-core Power S814.

Product number

The following are newly announced features on the specific models of the IBM Power Systems 7778, 7891, 7998, 8202, 8203, 8204, 8205, 8231, 8233, 8234, 8236, 8246, 8247, 8248, 8261, 8268, 8284, 8286, 8406, 8408, 8412, 9109, 9117, 9119, 9179, 9406, 9407, 9408, and 9409 machine type:

New features available June 10, 2014

Description	Machine type	Model	Feature number
IBM i 7.2 Indicator	7778	23X	EB72
	7891	73X	
	7891	74X	
	7998	60X	
	7998	61X	
	8203	E4A	
	8204	E8A	
	8233	E8B	
	8234	EMA	
	8261	E4S	
	8406	70Y	
	8406	71Y	
	9406	MMA	
	9407	M15	
	9408	M25	
9409	M50		
IBM i 7.2 Indicator	7895	22X	EB72
	7895	42X	
	8202	E4B	
	8202	E4C	
	8205	E6B	
	8205	E6C	
	8231	E1C	
	8231	E2B	
	8231	E2C	
	9117	MMA	
	9117	MMB	
	9119	FHA	
	9179	MHB	
	9179	MHC	
	S&H - No Charge	8246	
8246		L1T	
8246		L2D	
8246		L2T	
S&H-a	8246	L1D	ESC5
	8246	L1T	
	8246	L2D	
	8246	L2T	

Core Use HW Feature	8246	L2T	EUC6
	8247	22L	
	8248	L4T	
Core Use HW Feature 10X	8246	L2T	EUC7
	8247	22L	
	8248	L4T	

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New features available June 13, 2014

Description	Machine		Feature number
	type	Model	
PCIe LP 4-Port Async EIA-232 Adapter	8247	22L	5277
	8284	22A	
4 Port Async EIA-232 PCIe Adapter	8286	41A	5785
	8286	42A	
PCIe2 LP 3D Graphics Adapter x1	8247	22L	EC41
	8284	22A	
PCIe2 3D Graphics Adapter x1	8286	41A	EC42
	8286	42A	

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New features available June 20, 2014

Description	Machine		Feature number
	type	Model	
SAS Cable (AE) Adapter to Enclosure, single controller/single path 3M	8247	22L	3684
	8284	22A	
	8286	41A	
	8286	42A	
SAS Cable (AE) Adapter to Enclosure, single controller/single path 6M	8247	22L	3685
	8284	22A	
	8286	41A	
	8286	42A	
GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	8202	E4B	EH14
	8202	E4C	
	8202	E4D	
	8205	E6B	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8236	E8C	
	8268	E1D	
	8408	E8D	
	8412	EAD	
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
9119	FHB		
9179	MHB		
9179	MHC		
9179	MHD		
GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	8408	E8D	EH15

	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHB	
	9179	MHC	
	9179	MHD	
GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	8202	E4B	EH16
	8202	E4C	
	8202	E4D	
	8205	E6B	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8268	E1D	
	8408	E8D	
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHB	
	9179	MHC	
	9179	MHD	
GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	8408	E8D	EH17
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHB	
	9179	MHC	
	9179	MHD	
PCIe2 4-port (10Gb FCoE & 1GbE) SFP+Copper&RJ45	8231	E2D	EN0K
	8246	L2T	
	9119	FHB	
PCIe2 LP 4-Port (10Gb+1GbE) SR+RJ45 Adapter	8247	22L	EN0T
PCIe2 LP 4-port (10Gb+1GbE) Copper SFP+RJ45 Adapter	8247	22L	EN0V

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New features available June 24, 2014

Description	Machine type	Model	Feature number
Power 720 Solution Edition for IBM i (4-core)	8286	41A	4928
CAPI Activation	8247	21L	EC2A
	8247	22L	
	8284	22A	
	8286	41A	
	8286	42A	
4-Core 3.02 GHZ POWER8 Processor Card	8286	41A	EPXK
One Processor Core Activation for #EPXK	8286	41A	EPYK
One Zero-Priced Processor core Activation for #EPXK	8286	41A	EPZK

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8246, 8247, 8248, 8261, 8268, 8284, 8286, 8406, 8408, 8412, 9109, 9117, 9119, 9179, 9406, 9407, 9408, and 9409 machine type:

New features available July 18, 2014

Description	Machine		Feature number		
	type	Model			
EXP30 Carrier for 1.8-inch SSD	8202	E4C	EB2W		
	8202	E4D			
	8205	E6C			
	8205	E6D			
	8231	E1C			
	8231	E1D			
	8231	E2C			
	8231	E2D			
	8246	L2T			
	8248	L4T			
	8268	E1D			
	8408	E8D			
	8412	EAD			
	9109	RMD			
	9117	MMC			
	9117	MMD			
	PCIe2 LP 3D Graphics Adapter x1	9179		MHC	EC41
9179		MHD			
8202		E4D			
8205		E6D			
8231		E1D			
8231		E2D			
8246		L1D			
8246		L1T			
8246		L2D			
8246		L2T			
8268		E1D			
PCIe2 3D Graphics Adapter x1		8202	E4D	EC42	
		8205	E6D		
#ES0K Load Source Specify (387GB 1.8" SSD for IBM i)		8202	E4D	ELSK	
		8205	E6D		
		8231	E2D		
		8408	E8D		
	9109	RMD			
	9117	MMC			
	9117	MMD			
	9179	MHC			
	9179	MHD			
	387GB 1.8" SSD for AIX/Linux	8202	E4C		ES0J
		8202	E4D		
8205		E6C			
8205		E6D			
8231		E1C			
8231		E1D			
8231		E2C			
8231		E2D			
8246		L2T			
8248		L4T			
8268		E1D			
8408		E8D			
8412		EAD			
9109		RMD			
9117		MMC			
9117		MMD			
9179		MHC			
9179		MHD			
387GB 1.8" SSD for IBM i		8202	E4D	ES0K	
		8205	E6D		
	8231	E2D			
	8408	E8D			
	9109	RMD			
	9117	MMC			
9117	MMD				

Six ES02 387GB 1.8" SSD for AIX/Linux	9179	MHC	
	9179	MHD	
	8202	E4D	ESRJ
	8205	E6D	
	8231	E1D	
	8231	E2D	
	8246	L2T	
	8248	L4T	
	8268	E1D	
	8408	E8D	
	8412	EAD	
	9109	RMD	
	9117	MMC	
	9117	MMD	
Six ES0K 387GB 1.8" SSD for IBM i	9179	MHD	
	8202	E4D	ESRK
	8205	E6D	
	8231	E2D	
	8408	E8D	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9179	MHD	

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New features available August 29, 2014

Description	Machine type	Model	Feature number
SAS Cable (AE) Adapter to Enclosure, single controller/single path 3M	8247	21L	3684
SAS Cable (AE) Adapter to Enclosure, single controller/single path 6M	8247	21L	3685
PCIe LP 4-Port Async EIA-232 Adapter	8247	21L	5277
PCIe2 LP 3D Graphics Adapter x1	8247	21L	EC41
Quantity 150 of #EL3G (775GB SSD SFF-2)	8247	21L	ELQG
PCIe2 LP 4-Port (10Gb+1GbE) SR+RJ45 Adapter	8247	21L	EN0T
PCIe2 LP 4-port (10Gb+1GbE) Copper SFP+RJ45 Adapter	8247	21L	EN0V
Core Use HW Feature	8247	21L	EUC6
Core Use HW Feature 10X	8247	21L	EUC7

Feature conversions

The existing components being replaced during a model or feature conversion become the property of IBM and must be returned.

Feature conversions are always implemented on a "quantity of one for quantity of one" basis. Multiple existing features may not be converted to a single new feature. Single existing features may not be converted to multiple new features.

The following conversions are available to customers:

Feature conversions for 8202-E4B solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D	No

Feature conversions for 8202-E4C solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8202-E4D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8205-E6B solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8205-E6C solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8205-E6D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8231-E1C solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8231-E1D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8231-E2C solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8231-E2D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8233-E8B solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8236-E8C solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No

Feature conversions for 8268-E1D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

Feature conversions for 8408-E8D solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 8412-EAD solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No

Feature conversions for 9109-RMD solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9117-MMB solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9117-MMC solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9117-MMD solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9119-FHB solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No

EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No
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Feature conversions for 9179-MHB solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9179-MHC solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Feature conversions for 9179-MHD solid-state drive features

From FC:	To FC:	Return parts
ES0A - 387GB SFF-1 SSD for AIX/Linux with eMLC	EH14 - GEN2-S Conversion Carrier for Feature ES0C 387GB SSD	No
EQ0A - Quantity 150 of #ES0A	EH15 - GEN2-S Conversion Carriers for Feature EQ0C 387GB SSD	No
ES0B - 387GB SFF-1 SSD for IBM i with eMLC	EH16 - GEN2-S Conversion Carrier for Feature ES0D 387GB SSD (IBM i)	No
EQ0B - Quantity of 150 #ES0B	EH17 - GEN2-S Conversion Carrier for feature EQ0D 3787GB (IBM i)	No

Publications

No publications are shipped with these features.

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Terms and conditions

Terms and conditions features section

Field-installable feature

Yes

Warranty period

These features assume the same warranty or maintenance terms as the machine in which they are installed for the full warranty or maintenance period announced for such machine.

Customer setup

Yes.

Machine code

Same license terms and conditions as base machine

Prices

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Announcement countries

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