



Hardware withdrawal: Select IBM Power Systems features

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Overview

Effective October 11, 2016, January 11, 2017, January 20, 2017, March 31, 2017, and October 27, 2017, IBM[®] will withdraw from marketing the features listed in the [Withdrawn products](#) section. On or after the effective dates of withdrawal, you can no longer order these features directly from IBM. Field-installed features associated with the machine types not listed in this announcement continue to be available.

You can obtain the products on an as-available basis through IBM Business Partners.

If you have a continuing need for these features, go to the [IBM Certified Pre-owned Equipment](#) website to check on availability or utilize the request a quote to communicate your specific requirements. IBM Certified Pre-owned Equipment has the largest inventory of used IBM systems that are refurbished, tested, and warranted for a minimum of 90 days.

Withdrawn products

The following features are being withdrawn on the specified models of the IBM Power Systems[™] machine types.

Feature withdrawals

Effective October 11, 2016

Description	Machine type	Model	Feature number
160 GB SATA 2.5-inch SSD 0.3-DWPD	8001	12C	EKS2
	8001	22C	
387 GB 1.8" SSD for Linux	8247	22L	EL46
	8247	42L	
387 GB 1.8" SSD for AIX/Linux	8284	22A	ES16
	8286	42A	
	8408	E8E	
387 GB 1.8" SSD for IBM i	8286	42A	ES17

Effective January 11, 2017

Description	Machine type	Model	Feature number
OPAL Bare Metal or KVM	8247	21L	EC20
	8247	22L	

Effective January 20, 2017

Description	Machine type	Model	Feature number
#1737 Load Source Specify (856 GB SFF-1 disk)	8202	E4C	0879
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8268	E1D	
	8408	E8D	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHC	
	#1738 Load Source Specify (856 GB 10k RPM SAS SFF-2 Disk)	8202	
8202		E4C	
8202		E4D	
8205		E6B	
8205		E6C	
8205		E6D	
8231		E1C	
8231		E1D	
8231		E2B	
8231		E2C	
8231		E2D	
8233		E8B	
8268		E1D	
8286		41A	
8286		42A	
8408		E8D	
9080		MHE	
9080		MME	
9109		RMD	
9117		MMB	
9117		MMC	
9117		MMD	
9119		FHB	
9119		MHE	
9119		MME	
9179		MHB	
9179		MHC	
9179	MHD		
856 GB 10k RPM SAS SFF Disk Drive (IBM i)	8202	E4C	1737
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8268	E1D	
	8408	E8D	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHC	
	856 GB 10k RPM SAS SFF-2 Disk Drive (IBM i)	8202	
8202		E4C	
8202		E4D	
8205		E6B	
8205		E6C	
8205		E6D	
8231		E1C	
8231		E1D	
8231		E1D	
8231		E1D	

	8231	E2B	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8268	E1D	
	8286	41A	
	8286	42A	
	8408	E8D	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9119	MHE	
	9119	MME	
	9179	MHB	
	9179	MHC	
	9179	MHD	
900 GB 10K RPM SAS SFF Disk Drive (AIX/Linux)	8202	E4C	1751
	8202	E4D	
	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	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHC	
	9179	MHD	
900 GB 10k RPM SAS SFF-2 Disk Drive (AIX/Linux)	8202	E4B	1752
	8202	E4C	
	8202	E4D	
	8205	E6B	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2B	
	8231	E2C	
	8231	E2D	
	8233	E8B	
	8236	E8C	
	8268	E1D	
	8284	22A	
	8286	41A	
	8286	42A	
	8408	E8D	
	8408	E8E	
	8408	44E	
	8412	EAD	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9119	MHE	
	9119	MME	
	9179	MHB	
	9179	MHC	
	9179	MHD	
PCIe2 LP 2-Port 4X IB QDR Adapter 40 Gb	8202	E4B	5283
	8202	E4C	

	8202	E4D	
	8205	E6B	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8246	L1C	
	8246	L1D	
	8246	L1S	
	8246	L1T	
	8246	L2C	
	8246	L2D	
	8246	L2S	
	8246	L2T	
	8247	21L	
	8247	22L	
	8268	E1D	
	8284	22A	
	9080	MHE	
	9080	MME	
	9119	MHE	
	9119	MME	
	9125	F2C	
PCIe2 2-Port 4X IB QDR Adapter 40 Gb	8202	E4C	5285
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8247	21L	
	8247	22L	
	8248	L4T	
	8284	22A	
	8286	41A	
	8286	42A	
	8408	E8D	
	8408	E8E	
	8408	44E	
	8412	EAD	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	MHE	
	9119	MME	
	9179	MHC	
	9179	MHD	
PCIe2 LP 2-Port 10 GbE RoCE SFP+ Adapter	8202	E4C	EC27
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8231	E1C	
	8231	E1D	
	8231	E2C	
	8231	E2D	
	8268	E1D	
	8284	22A	
	9080	MHE	
	9080	MME	
	9119	MHE	
	9119	MME	
PCIe2 2-Port 10 GbE RoCE SFP+ Adapter	8202	E4C	EC28
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8247	21L	
	8247	22L	
	8248	L4T	
	8284	22A	
	8286	41A	
	8286	42A	
	8408	E8D	
	8412	EAD	

	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9119	MHE	
	9119	MME	
	9179	MHC	
	9179	MHD	
PCIe2 LP 2-port 10 GbE SFN6122F Adapter	8202	E4D	EC2G
	8205	E6D	
	8231	E1D	
	8231	E2D	
	8268	E1D	
	8284	22A	
	9080	MHE	
	9080	MME	
	9119	MHE	
	9119	MME	
PCIe2 2-port 10 GbE SFN6122F Adapter	8202	E4D	EC2J
	8205	E6D	
	8247	21L	
	8247	22L	
	8248	L4T	
	8284	22A	
	8286	41A	
	8286	42A	
	8408	E8D	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMD	
	9119	MHE	
	9119	MME	
	9179	MHD	
PCIe2 2-Port 10 GbE RoCE SR Adapter	8202	E4C	EC30
	8202	E4D	
	8205	E6C	
	8205	E6D	
	8247	21L	
	8247	22L	
	8248	L4T	
	8284	22A	
	8286	41A	
	8286	42A	
	8408	E8D	
	8408	E8E	
	8408	44E	
	8412	EAD	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9119	MHE	
	9119	MME	
	9179	MHC	
	9179	MHD	
OPAL with PowerKVM 3.1	8247	21L	EC40
	8247	22L	
	8247	42L	
	8335	GCA	
	8348	21C	
PCIe3 SAS Tape Adapter Quad-port 6 Gb x8	9119	FHB	EJ0X
PCIe Crypto Coprocessor No BSC 4765-001	8286	41A	EJ27
	8286	42A	
	8408	E8E	
	8408	44E	
PCIe Crypto Coprocessor Gen3 BSC 4765-001	8284	22A	EJ28
	8286	41A	
	8286	42A	
	8408	E8E	

	8408	44E	
	9080	MHE	
	9080	MME	
	9119	MHE	
	9119	MME	
900 GB 10k RPM SAS SFF-2 Disk Drive (Linux)	8246	L1S	EL1R
	8246	L1T	
	8246	L2S	
	8246	L2T	
	8247	21L	
	8247	22L	
	8247	42L	
	8248	L4T	
900 GB 10K RPM SAS SFF Disk Drive (Linux)	8246	L1C	EL35
	8246	L1D	
	8246	L1S	
	8246	L1T	
	8246	L2C	
	8246	L2D	
	8246	L2S	
	8246	L2T	
	8248	L4T	
Quantity 150 of #EL1R	8246	L2S	ELQR
	8246	L2T	
	8247	21L	
	8247	22L	
	8247	42L	
	8248	L4T	
PCIe2 LP 8 Gb 2-Port Fibre Channel Adapter	8247	21L	EN0F
	8247	22L	
PCIe2 8 Gb 2-Port Fibre Channel Adapter	8247	21L	EN0G
	8247	22L	
	8247	42L	
Quantity 150 of #1737 (856 GB SFF-1 disk)	8408	E8D	EQ37
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHC	
	9179	MHD	
Quantity 150 of #1738 (856 GB SFF-2 disk)	8202	E4B	EQ38
	8202	E4C	
	8202	E4D	
	8205	E6B	
	8205	E6C	
	8205	E6D	
	8231	E2D	
	8233	E8B	
	8286	41A	
	8286	42A	
	8408	E8D	
	9080	MHE	
	9080	MME	
	9109	RMD	
	9117	MMB	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9119	MHE	
	9119	MME	
	9179	MHB	
	9179	MHC	
	9179	MHD	
Quantity 150 of #1751 (900 GB SFF-1 disk)	8408	E8D	EQ51
	9109	RMD	
	9117	MMC	
	9117	MMD	
	9119	FHB	
	9179	MHC	
	9179	MHD	
Quantity 150 of #1752 (900 GB SFF-2 disk)	8202	E4B	EQ52
	8202	E4C	
	8202	E4D	
	8205	E6B	

8205	E6C
8205	E6D
8231	E2C
8231	E2D
8233	E8B
8236	E8C
8284	22A
8286	41A
8286	42A
8408	E8D
8408	E8E
8408	44E
8412	EAD
9080	MHE
9080	MME
9109	RMD
9117	MMB
9117	MMC
9117	MMD
9119	FHB
9119	MHE
9119	MME
9179	MHB
9179	MHC
9179	MHD

Effective March 31, 2017

Description	Machine type	Model	Feature number		
PCIe Crypto Coprocessor No BSC 4765-001	8202	E4B	EJ27		
	8202	E4C			
	8202	E4D			
	8203	E4A			
	8204	E8A			
	8205	E6B			
	8205	E6C			
	8205	E6D			
	8233	E8B			
	8236	E8C			
	PCIe Crypto Coprocessor Gen3 BSC 4765-001	8202		E4B	EJ28
		8202		E4C	
		8202		E4D	
8203		E4A			
8204		E8A			
8205		E6B			
8205		E6C			
8205		E6D			
8231		E2C			
8231		E2D			
8233		E8B			
8234		EMA			
8408		E8D			
8412		EAD			
9109		RMD			
9117		MMA			
9117		MMB			
9117		MMC			
9117		MMD			
9119		FHA			
9119	FHB				
9179	MHB				
9179	MHC				
9179	MHD				

Effective October 27, 2017

Description	Machine type	Model	Feature number
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177 GB 1.8" 4k SSD Read Intensive for AIX/Linux	8247	42L	ES0Y
	8284	22A	
	8286	42A	
	8408	E8E	
	8408	44E	
177 GB 1.8" SSD Read Intensive for AIX/Linux (528 byte)	8247	42L	ES0Z
	8284	22A	
	8286	42A	
	8408	E8E	
	8408	44E	

Feature conversion withdrawals

Effective January 20, 2017

From Machine type	Feature number	To Feature number	Machine type	Model
8202	1737	1738	8202	E4C
8202	1737	1738	8202	E4D
8205	1737	1738	8205	E6C
8205	1737	1738	8205	E6D
8231	1737	1738	8231	E1C
8231	1737	1738	8231	E1D
8231	1737	1738	8231	E2C
8231	1737	1738	8231	E2D
8233	1737	1738	8233	E8B
8268	1737	1738	8268	E1D
8408	1737	1738	8408	E8D
9109	1737	1738	9109	RMD
9117	1737	1738	9117	MMC
9117	1737	1738	9117	MMD
9119	1737	1738	9119	FHB
9179	1737	1738	9179	MHC
9179	1737	1738	9179	MHD
8202	1751	1752	8202	E4C
8202	1751	1752	8202	E4D
8205	1751	1752	8205	E6C
8205	1751	1752	8205	E6D
8231	1751	1752	8231	E1C
8231	1751	1752	8231	E1D
8231	1751	1752	8231	E2C
8231	1751	1752	8231	E2D
8233	1751	1752	8233	E8B
8236	1751	1752	8236	E8C
8268	1751	1752	8268	E1D
8408	1751	1752	8408	E8D
8412	1751	1752	8412	EAD
9109	1751	1752	9109	RMD
9117	1751	1752	9117	MMC
9117	1751	1752	9117	MMD
9119	1751	1752	9119	FHB
9179	1751	1752	9179	MHC
9179	1751	1752	9179	MHD
8203	EJ28	EJ27	8203	E4A
8286	EJ28	EJ27	8286	41A
8286	EJ28	EJ27	8286	42A
8286	EJ27	EJ28	8286	41A
8286	EJ27	EJ28	8286	42A
9117	EJ29	EJ28	9080	MHE
9179	EJ29	EJ28	9080	MHE
9117	EJ29	EJ28	9080	MME
9117	EJ29	EJ28	9119	MHE
9179	EJ29	EJ28	9119	MHE
9117	EJ29	EJ28	9119	MME
8408	EQ37	EQ38	8408	E8D
9109	EQ37	EQ38	9109	RMD
9117	EQ37	EQ38	9117	MMC
9117	EQ37	EQ38	9117	MMD

9119	EQ37	EQ38	9119	FHB
9179	EQ37	EQ38	9179	MHC
9179	EQ37	EQ38	9179	MHD
8408	EQ51	EQ52	8408	E8D
9109	EQ51	EQ52	9109	RMD
9117	EQ51	EQ52	9117	MMC
9117	EQ51	EQ52	9117	MMD
9119	EQ51	EQ52	9119	FHB
9179	EQ51	EQ52	9179	MHC
9179	EQ51	EQ52	9179	MHD

Effective March 31, 2017

From Machine type	Feature number	To Feature number	Machine type	Model
8202	EJ28	EJ27	8202	E4B
8202	EJ28	EJ27	8202	E4C
8202	EJ28	EJ27	8202	E4D
8204	EJ28	EJ27	8204	E8A
8205	EJ28	EJ27	8205	E6B
8205	EJ28	EJ27	8205	E6C
8205	EJ28	EJ27	8205	E6D
8233	EJ28	EJ27	8233	E8B
8202	EJ27	EJ28	8202	E4B
8202	EJ27	EJ28	8202	E4C
8202	EJ27	EJ28	8202	E4D
8203	EJ27	EJ28	8203	E4A
8204	EJ27	EJ28	8204	E8A
8205	EJ27	EJ28	8205	E6B
8205	EJ27	EJ28	8205	E6C
8205	EJ27	EJ28	8205	E6D
8233	EJ27	EJ28	8233	E8B
8408	EJ29	EJ28	8408	E8D
8412	EJ29	EJ28	8412	EAD
9109	EJ29	EJ28	9109	RMD
9117	EJ29	EJ28	9117	MMB
9117	EJ29	EJ28	9117	MMC
9117	EJ29	EJ28	9117	MMD
9179	EJ29	EJ28	9179	MHB
9179	EJ29	EJ28	9179	MHC
9179	EJ29	EJ28	9179	MHD

Replacement product information

None

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld^(R) ID and password are required (use IBM ID).

[BP Attachment for Announcement Letter 916-174](#)

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