

# Hardware Withdrawal: IBM Power Systems model and miscellaneous features - Replacements available

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## Overview

Effective August 3, 2012, August 31, 2012, and October 5, 2012, IBM® will withdraw from marketing the following IBM Power Systems™ model and miscellaneous features. On or after the effective date of withdrawal, you can no longer order these products directly from IBM . You can obtain the products on an as-available basis through IBM Business Partners

If you have a continuing need for this product, visit our IBM Certified Used website to check on availability or utilize our request a quote to communicate your specific requirements. IBM Certified Used Equipment™ has the largest inventory of used IBM systems that are refurbished, tested, and warranted for a minimum of 90 days. For further information, visit

<http://ibm.com/shop/used>

## Withdrawn products

### Model withdrawals

The following IBM Power Systems machine type-models are being withdrawn.

#### **Effective August 31, 2012**

Description	Machine	
	type	Model
IBM Power® 770	9117	MMB
IBM Power 780	9179	MHB

#### **Effective October 5, 2012**

Description	Machine	
	type	Model
IBM BladeCenter® PS704	7891	74X

## Feature withdrawals

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The following features are being withdrawn on the specified models of the IBM Power Systems machine types.

### Effective October 5, 2012

Description	Machine type	Model	Feature number
SSD Placement Indicator (5802/580)	9117	MMB	0463
SSD Placement Indicator - 5886	9117	MMB	0464
SSD Placement Indicator - 5887	9117	MMB	0465
#1996 Load Source Specify	9117	MMB	0724
Decline Electronic Service Agent™ Install Indicator	9117	MMB	1120

One and only one rack indicator feature is required on all orders (#4650 to #4666).

Rack Indicator- Not Factory Integrated	9117	MMB	4650
Rack Indicator, Rack #1	9117	MMB	4651
Rack Indicator, Rack #2	9117	MMB	4652
Rack Indicator, Rack #3	9117	MMB	4653
Rack Indicator, Rack #4	9117	MMB	4654
Rack Indicator, Rack #5	9117	MMB	4655
Rack Indicator, Rack #6	9117	MMB	4656
Rack Indicator, Rack #7	9117	MMB	4657
Rack Indicator, Rack #8	9117	MMB	4658
Rack Indicator, Rack #9	9117	MMB	4659
Rack Indicator, Rack #10	9117	MMB	4660
Rack Indicator, Rack #11	9117	MMB	4661
Rack Indicator, Rack #12	9117	MMB	4662
Rack Indicator, Rack #13	9117	MMB	4663
Rack Indicator, Rack #14	9117	MMB	4664
Rack Indicator, Rack #15	9117	MMB	4665
Rack Indicator, Rack #16	9117	MMB	4666
Software Preload Required	9117	MMB	5000
SDI Software Pre-Install Indicator	9117	MMB	7305
Linux Software Preinstall	9117	MMB	8143
Linux Software Preinstall (Business Partners)	9117	MMB	8144
Base Customer Spec Plcmt	9117	MMB	8453
Order Routing Indicator- System Plant	9117	MMB	9169
Language Group Specify - US English	9117	MMB	9300
New AIX® License Core Counter	9117	MMB	9440
New IBM i License Core Counter	9117	MMB	9441
New Red Hat License Core Counter	9117	MMB	9442
New SUSE License Core Counter	9117	MMB	9443
Other AIX License Core Counter	9117	MMB	9444
Other Linux™ License Core Counter	9117	MMB	9445
3rd Party Linux License Core Counter	9117	MMB	9446
VIOS Core Counter	9117	MMB	9447
Month Indicator	9117	MMB	9461
Day Indicator	9117	MMB	9462
Hour Indicator	9117	MMB	9463
Minute Indicator	9117	MMB	9464
Qty Indicator	9117	MMB	9465
Countable Member Indicator	9117	MMB	9466
Reserved Rack Space Indicator - 4U	9117	MMB	9570
Language Group Specify - Dutch	9117	MMB	9700
Language Group Specify - French	9117	MMB	9703
Language Group Specify - German	9117	MMB	9704
Language Group Specify - Polish	9117	MMB	9705
Language Group Specify - Norwegian	9117	MMB	9706
Language Group Specify - Portuguese	9117	MMB	9707
Language Group Specify - Spanish	9117	MMB	9708
Language Group Specify - Italian	9117	MMB	9711
Language Group Specify - Canadian French	9117	MMB	9712
Language Group Specify - Japanese	9117	MMB	9714

Language Group Specify - Traditional Chinese (Taiwan)	9117	MMB	9715
Language Group Specify - Korean	9117	MMB	9716
Language Group Specify - Turkish	9117	MMB	9718
Language Group Specify - Hungarian	9117	MMB	9719
Language Group Specify - Slovakian	9117	MMB	9720
Language Group Specify - Russian	9117	MMB	9721
Language Group Specify - Simplified Chinese (PRC)	9117	MMB	9722
Language Group Specify - Czech	9117	MMB	9724
Language Group Specify -- Romanian	9117	MMB	9725
Language Group Specify - Croatian	9117	MMB	9726
Language Group Specify -- Slovenian	9117	MMB	9727
Language Group Specify - Brazilian Portuguese	9117	MMB	9728
Language Group Specify - Thai	9117	MMB	9729
12X Cable Performance Specify	9117	MMB	EUC5

Description	Machine type	Model	Feature
AIX Partition Specify	7891	74X	0265
Linux Partition Specify	7891	74X	0266
IBM i Operating System Partition Specify	7891	74X	0267
IBM i 6.1 with 6.1.1 Machine Code Specify Code	7891	74X	0566
IBM i 7.1 Specify Code	7891	74X	0567
Manufacturing Routing Code for CSC	7891	74X	0712
Integrate Blade Server in Chassis (BP)	7891	74X	4645
Integrate ITE in Chassis	7891	74X	4646
ONE AND ONLY ONE RACK INDICATOR FEATURE IS REQUIRED ON ALL ORDERS (#4650 TO #4666).			
Rack Indicator- Not Factory Integrated	7891	74X	4650
ONE AND ONLY ONE RACK INDICATOR FEATURE IS REQUIRED ON ALL ORDERS (#4650 TO #4666).			
Rack Indicator, Rack #1	7891	74X	4651
Rack Indicator, Rack #2	7891	74X	4652
Rack Indicator, Rack #3	7891	74X	4653
Rack Indicator, Rack #4	7891	74X	4654
Rack Indicator, Rack #5	7891	74X	4655
Rack Indicator, Rack #6	7891	74X	4656
Rack Indicator, Rack #7	7891	74X	4657
Rack Indicator, Rack #8	7891	74X	4658
Rack Indicator, Rack #9	7891	74X	4659
Rack Indicator, Rack #10	7891	74X	4660
Rack Indicator, Rack #11	7891	74X	4661
Rack Indicator, Rack #12	7891	74X	4662
Rack Indicator, Rack #13	7891	74X	4663
Rack Indicator, Rack #14	7891	74X	4664
Rack Indicator, Rack #15	7891	74X	4665
Rack Indicator, Rack #16	7891	74X	4666
Chassis indicator-Not Factory Integrated	7891	74X	4680
BladeCenter chassis specify, Chassis #1	7891	74X	4681
BladeCenter chassis specify, Chassis #2	7891	74X	4682
BladeCenter chassis specify, Chassis #3	7891	74X	4683
BladeCenter chassis specify, Chassis #4	7891	74X	4684
BladeCenter chassis specify, Chassis #5	7891	74X	4685
BladeCenter chassis specify, Chassis #6	7891	74X	4686
BladeCenter chassis specify, Chassis #7	7891	74X	4687
BladeCenter chassis specify, Chassis #8	7891	74X	4688
BladeCenter chassis specify, Chassis #9	7891	74X	4689
Software Preinstall	7891	74X	5005
RFID Tags for Servers, Blades, BladeCenters,	7891	74X	5524
SDI Software Pre-Install Indicator	7891	74X	7305
IBM i Software Preinstall	7891	74X	8141
Linux Software Preinstall	7891	74X	8143
Linux Software Preinstall (Business Partners)	7891	74X	8144
AIX/VIOS Software Preinstall	7891	74X	8146
Order Routing Indicator- System Plant	7891	74X	9169
New AIX License Core Counter	7891	74X	9440
New IBM i License Core Counter	7891	74X	9441
New Red Hat License Core Counter	7891	74X	9442

New SUSE License Core Counter	7891	74X	9443
Other AIX License Core Counter	7891	74X	9444
Other Linux License Core Counter	7891	74X	9445
3rd Party Linux License Core Counter	7891	74X	9446
VIOS Core Counter	7891	74X	9447
Month Indicator	7891	74X	9461
Day Indicator	7891	74X	9462
Hour Indicator	7891	74X	9463
Minute Indicator	7891	74X	9464
Qty Indicator	7891	74X	9465
Countable Member Indicator	7891	74X	9466
S&H - No Charge	7891	74X	ESC0
S&H	7891	74X	ESC4

**Effective August 3, 2012**

Description	Machine type	Model	Feature number
BNT 1 Yr SW Update for 1455-48E, G8052 (49Y7898)	1455	48E	EB21
BNT 1 Yr SW Update for 1455-64C, G8264 (49Y7899)	1455	64C	EB22
BNT 1 Yr SW Update for 1455-24E, G8124E, (90Y3515)	1455	24E	EB23

**Effective August 31, 2012**

Description	Machine type	Model	Feature number
RISC-to-RISC Data Migration	9179	MHB	0205
SSD Placement Indicator (5802/5803)	9179	MHB	0463
SSD Placement Indicator - 5886	9179	MHB	0464
SSD Placement Indicator - 5887	9179	MHB	0465
IBM i 6.1 Specify Code	7998	60X	0534
	7998	61X	
	8203	E4A	
	8204	E8A	
	8234	EMA	
	9117	MMA	
	9119	FHA	
	9405	520	
	9406	520	
	9406	525	
	9406	550	
	9406	570	
	9406	595	
	9406	800	
	9406	810	
	9406	825	
	9406	870	
	9406	890	
	9406	MMA	
	9407	515	
	9407	M15	
	9408	M25	
	9409	M50	
	9411	100	
	9117	MMB	
#1996 Load Source Specify	9179	MHB	0724
USB 160 GB Removable Disk Drive	1457	7FL	1106
	7891	73X	
	7891	74X	
	7895	22X	
	7895	42X	
	8202	E4B	
	8202	E4C	
	8203	E4A	
	8204	E8A	
	8205	E6B	
	8205	E6C	

	8231	E1C	
	8231	E2B	
	8231	E2C	
	8233	E8B	
	8234	EMA	
	8246	L2B	
	8246	L2C	
	8246	L2S	
	8261	E4S	
	9117	MMA	
	9117	MMB	
	9117	MMC	
	9179	MHB	
	9179	MHC	
Decline Electronic Service Agent Install Indicator	9179	MHB	1120
IP Services License for Cisco Catalyst Switch	7989	BCH	3175
Brocade 10-Port Upgrade for IBM BladeCenter 4 Gb Module	7989	BCH	3229
QLogic Virtual Fabric Extension Module for IBM BladeCenter	7989	BCH	3268
External connection for 3 of 6 internal SAS Disk Slots	9117	MMA	3650
External connection for the 6 internal SAS Disk slots	8234	EMA	3651
Processor Fabric Cable, 2 enclosure	9117	MMA	
	8234	EMA	3660
	9117	MMA	
	9406	MMA	
Processor Fabric Cable, 3 enclosure	9117	MMA	3664
	9406	MMA	
Processor Fabric Cable, 4 enclosure	9117	MMA	3665
	9406	MMA	
SAS Cable (YR) -1M	8234	EMA	3667
	9117	MMA	

One and only one rack indicator feature is required on all orders (#4650 to #4666).

Rack Indicator- Not Factory Integrated	9179	MHB	
Rack Indicator, Rack #1	9179	MHB	
Rack Indicator, Rack #2	9179	MHB	
Rack Indicator, Rack #3	9179	MHB	
Rack Indicator, Rack #4	9179	MHB	
Rack Indicator, Rack #5	9179	MHB	
Rack Indicator, Rack #6	9179	MHB	
Rack Indicator, Rack #7	9179	MHB	
Rack Indicator, Rack #8	9179	MHB	
Rack Indicator, Rack #9	9179	MHB	
Rack Indicator, Rack #10	9179	MHB	
Rack Indicator, Rack #11	9179	MHB	
Rack Indicator, Rack #12	9179	MHB	
Rack Indicator, Rack #13	9179	MHB	
Rack Indicator, Rack #14	9179	MHB	
Rack Indicator, Rack #15	9179	MHB	
Rack Indicator, Rack #16	9179	MHB	
Software Preload Required	9179	MHB	5000
Brocade 10-port 8 Gb SAN Switch Module for IBM BladeCenter	7989	BCH	5045
PCIe LP 2-Port 1GbE TX Adapter	8202	E4B	5281
	8202	E4C	
	8205	E6B	
	8205	E6C	
	8231	E1C	
	8231	E2B	
	8231	E2C	
	8246	L2B	
	8246	L2C	
	8246	L2S	
Racks, and HMCs	8234	EMA	5617
Processor Power Regulator	9117	MMA	
Dual Port 1Gb Integrated Virtual Ethernet Daughter Card	8203	E4A	5623
	8204	E8A	
	9407	M15	
	9408	M25	

	9409	M50	
Proc Power Regulator	9117	MMA	5625
Sys AC Power Supply, 1600 W	8234	EMA	5628
	9117	MMA	
Integrated, 2 Port- 1Gb Virtual Ethernet, I/O ports	8234	EMA	5636
	9117	MMA	
	9406	MMA	
Integrated, 2 Port- 10Gb (SR) Virtual Ethernet, I/O ports	8234	EMA	5637
	9117	MMA	
Integrated, 4 Port- 1Gb Virtual Ethernet, I/O ports	8234	EMA	5639
	9117	MMA	
	9406	MMA	
Service Interface Card	8234	EMA	5648
	9117	MMA	
	9406	MMA	
Serv Interface Cable- 2 Enclosure	8234	EMA	5657
	9117	MMA	
	9406	MMA	
Serv Interface Cable- 3 Enclosure	9117	MMA	5658
	9406	MMA	
Serv Interface Cable- 4 Enclosure	9117	MMA	5660
	9406	MMA	
Proc Enclosure and Backplane	9117	MMA	5663
I/O Backplane	8234	EMA	5666
	9117	MMA	
System Midplane	8234	EMA	5667
	9117	MMA	
SATA Media Enclosure and Backplane	8234	EMA	5674
	9117	MMA	
0/4 Core Processor Enclosure and Backplane	8234	EMA	5675
	9117	MMA	
Power 570 System Bezel	9117	MMA	5682
System Chassis - 4 EIA	8234	EMA	5683
	9117	MMA	
System Ship Group	8234	EMA	5699
	9117	MMA	
SAS Disk Backplane -6 slot	8234	EMA	5878
	9117	MMA	
Acoustic Doors (F&R), H CEC Rack	9119	FHA	6865
Acoustic/heat Exchanger Doors (F/R), H CEC Rack	9119	FHA	6866
Slimline Doors (F&R), H CEC AND I/O Expansion Racks	9119	FHA	6869
Acoustic Doors (F&R), H I/O Expansion Rack	9119	FHA	6870
Cable Restraint Hardware- excess Service Interface Cable	9117	MMA	7099
	9406	MMA	
Power Supply, 1700 Watt AC, Hot-swap, Base and Redundant	8204	E8A	7707
	9409	M50	
SDI Software Pre-Install Indicator	9179	MHB	
I/O Drawer Mounting Enclosure	7314	G30	7314
	8202	E4B	
	8202	E4C	
	8203	E4A	
	8204	E8A	
	8205	E6B	
	8205	E6C	
	8233	E8B	
	8234	EMA	
	8261	E4S	
	9117	MMA	
	9117	MMB	
	9117	MMC	
	9179	MHB	
	9179	MHC	
	9406	MMA	
	9408	M25	
	9409	M50	
IBM Rack-mount Drawer Bezel and Hardware	8204	E8A	7360
	9409	M50	
Power Supply, 1700 Watt AC, Hot-swap, Base and Redundant	8204	E8A	7707
	9409	M50	

Linux Software Preinstall	9179	MHB	
Linux Software Preinstall (Business Partners)	9179	MHB	
QLogic 4Gb 2 Port Fibre Channel Expansion Card (CFFv) for IBM BladeCenter	7988	J21	8248
	7998	60X	
	7998	61X	
4-core 3.7 GHZ POWER7® Processor Module	8231	E2B	8348
6-core 3.7 GHZ POWER7 Processor Module	8231	E2B	8349
8-core 3.55 GHZ POWER7 Processor Module	8231	E2B	8359
Base Customer Spec Plcmnt	9179	MHB	8453
Order Routing Indicator- System Plant	9179	MHB	
Language Group Specify - US English	9179	MHB	9300
New AIX License Core Counter	9179	MHB	
New IBM i License Core Counter	9179	MHB	
New Red Hat License Core Counter	9179	MHB	
New SUSE License Core Counter	9179	MHB	
Other AIX License Core Counter	9179	MHB	
Other Linux License Core Counter	9179	MHB	
3rd Party Linux License Core Counter	9179	MHB	
VIOS Core Counter	9179	MHB	
Month Indicator	9179	MHB	
Day Indicator	9179	MHB	
Hour Indicator	9179	MHB	
Minute Indicator	9179	MHB	
Qty Indicator	9179	MHB	
Countable Member Indicator	9179	MHB	
Reserved Rack Space Indicator - 4U	9179	MHB	9570
Language Group Specify - Dutch	9179	MHB	9700
Language Group Specify - French	9179	MHB	9703
Language Group Specify - German	9179	MHB	9704
Language Group Specify - Polish	9179	MHB	9705
Language Group Specify - Norwegian	9179	MHB	9706
Language Group Specify - Portuguese	9179	MHB	9707
Language Group Specify - Spanish	9179	MHB	9708
Language Group Specify - Italian	9179	MHB	9711
Language Group Specify - Canadian French	9179	MHB	9712
Language Group Specify - Japanese	9179	MHB	9714
Language Group Specify - Traditional Chinese (Taiwan)	9179	MHB	9715
Language Group Specify - Korean	9179	MHB	9716
Language Group Specify - Turkish	9179	MHB	9718
Language Group Specify - Hungarian	9179	MHB	9719
Language Group Specify - Slovakian	9179	MHB	9720
Language Group Specify - Russian	9179	MHB	9721
Language Group Specify - Simplified Chinese (PRC)	9179	MHB	9722
Language Group Specify - Czech	9179	MHB	9724
Language Group Specify -- Romanian	9179	MHB	9725
Language Group Specify - Croatian	9179	MHB	9726
Language Group Specify -- Slovenian	9179	MHB	9727
Language Group Specify - Brazilian Portuguese	9179	MHB	9728
Language Group Specify - Thai	9179	MHB	9729
Rational Appliance Cobol Solution Tracking Code	8233	E8B	ERA5
Rational Appliance C/C++ Solution Tracking Code	8233	E8B	ERA6
12X Cable Performance Specify	9179	MHB	EUC5

### **Model conversion withdrawals**

#### **Effective August 31, 2012**

The following model conversions on the specified machine types are withdrawn.

From Machine Type	Model	To Machine Type	Model
9117	MMA	9117	MMB
9117	MMA	9179	MHB

## Feature conversion withdrawals

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### Effective August 31, 2012

From Machine type	Feature number	To Feature number	Machine type	Model
9117	5625	5617	9117	MMA
9117	5663	5675	9117	MMA

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## Replacement product information

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Withdrawn product      Replacement product

9117-MMB                9117-MMC  
9179-MHB               9179-MHC  
7891-74X                None

For additional information, refer to IBM Power 770 POWER7 Server (9117-MMC), [111-200](#), dated October 12, 2011 .

Refer to IBM Power 780 Server [111-201](#), dated October 12, 2011 .

## Business Partner information

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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 ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=912-109>

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## Corrections

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**(Corrected on November 30, 2012)**

Withdrawn products section revised.