

# Hardware withdrawal: IBM Power E980 and Power8 activation features

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## Overview

Effective October 31, 2022, except for China and South Korea which is December 31, 2023, IBM<sup>(R)</sup> will withdraw from marketing the following models and features.

On or after the effective dates of withdrawal, you can no longer order these features directly from IBM.

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

If you have a continuing need for these machine types and models, 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## Withdrawn products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 IBM Power<sup>(R)</sup> Systems machine types and models are being withdrawn:

**Effective October 31, 2022, except for China and South Korea which is December 31, 2023**

Model withdrawals

Description	MT	Model
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IBM Power System E980	9080	M9S
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The following features are being withdrawn on the specified models of the IBM Power Systems machine types:

**Effective October 31, 2022, except for China and South Korea which is December 31, 2023**

Feature withdrawals

Description	MT	Model	Feature
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OEM Light Manufacturing Order Indicator - EMPTY	9080	M9S	0006
RISC-to-RISC Data Migration	9080	M9S	0205
AIX <sup>(R)</sup> Partition Specify	9080	MHE	0265
	9080	MME	

	9119	MHE	
	9119	MME	
Linux <sup>(R)</sup> Partition Specify	9080	MHE	0266
	9080	MME	
	9119	MHE	
	9119	MME	
IBM i Operating System Partition Specify	9080	MHE	0267
	9080	MME	
	9119	MHE	
	9119	MME	
Decline Electronic Service Agent Install Indicator	9080	M9S	1120
Primary OS - IBM i	9080	MHE	2145
	9080	MME	
	9119	MHE	
	9119	MME	
Primary OS - AIX	9080	MHE	2146
	9080	MME	
	9119	MHE	
	9119	MME	
Primary OS - Linux	9080	MHE	2147
	9080	MME	
	9119	MHE	
	9119	MME	
Rack Indicator- Not Factory Integrated	9080	M9S	4650
Rack Indicator, Rack #1	9080	M9S	4651
Rack Indicator, Rack #2	9080	M9S	4652
Rack Indicator, Rack #3	9080	M9S	4653
Rack Indicator, Rack #4	9080	M9S	4654
Rack Indicator, Rack #5	9080	M9S	4655
Rack Indicator, Rack #6	9080	M9S	4656
Rack Indicator, Rack #7	9080	M9S	4657
Rack Indicator, Rack #8	9080	M9S	4658
Rack Indicator, Rack #9	9080	M9S	4659
Rack Indicator, Rack #10	9080	M9S	4660
Rack Indicator, Rack #11	9080	M9S	4661
Rack Indicator, Rack #12	9080	M9S	4662
Rack Indicator, Rack #13	9080	M9S	4663
Rack Indicator, Rack #14	9080	M9S	4664
Rack Indicator, Rack #15	9080	M9S	4665
Rack Indicator, Rack #16	9080	M9S	4666
Software Preload Required	9080	M9S	5000
PowerVM <sup>(R)</sup> Enterprise Edition	9080	MHE	5228
	9080	MME	
	9119	MHE	
	9119	MME	
Base Customer Spec Plcmnt	9080	M9S	8453
Order Routing Indicator- System Plant	9080	M9S	9169
Language Group Specify - US English	9080	M9S	9300
New AIX License Core Counter	9080	M9S	9440
New IBM i License Core Counter	9080	M9S	9441
New Red Hat <sup>(R)</sup> License Core Counter	9080	M9S	9442
New SUSE License Core Counter	9080	M9S	9443
Other AIX License Core Counter	9080	M9S	9444
Other Linux License Core Counter	9080	M9S	9445
3rd Party Linux License Core Counter	9080	M9S	9446
VIOS Core Counter	9080	M9S	9447
Other IBM i License Core Counter	9080	M9S	9448
Other License Core Counter	9080	M9S	9449
Ubuntu Linux License Core Counter	9080	M9S	9450
Month Indicator	9080	M9S	9461
Day Indicator	9080	M9S	9462
Hour Indicator	9080	M9S	9463
Minute Indicator	9080	M9S	9464
Qty Indicator	9080	M9S	9465
Countable Member Indicator	9080	M9S	9466
Language Group Specify - Dutch	9080	M9S	9700
Language Group Specify - French	9080	M9S	9703
Language Group Specify - German	9080	M9S	9704
Language Group Specify - Polish	9080	M9S	9705
Language Group Specify - Norwegian	9080	M9S	9706
Language Group Specify - Portuguese	9080	M9S	9707
Language Group Specify - Spanish	9080	M9S	9708

Language Group Specify - Italian	9080	M9S	9711
Language Group Specify - Canadian French	9080	M9S	9712
Language Group Specify - Japanese	9080	M9S	9714
Language Group Specify - Traditional Chinese (Taiwan)	9080	M9S	9715
Language Group Specify - Korean	9080	M9S	9716
Language Group Specify - Turkish	9080	M9S	9718
Language Group Specify - Hungarian	9080	M9S	9719
Language Group Specify - Slovakian	9080	M9S	9720
Language Group Specify - Russian	9080	M9S	9721
Language Group Specify - Simplified Chinese (PRC)	9080	M9S	9722
Language Group Specify - Czech	9080	M9S	9724
Language Group Specify - Romanian	9080	M9S	9725
Language Group Specify - Croatian	9080	M9S	9726
Language Group Specify - Slovenian	9080	M9S	9727
Language Group Specify - Brazilian Portuguese	9080	M9S	9728
Language Group Specify - Thai	9080	M9S	9729
Product Renovated by IBM Indicator	9080	M9S	9993
Single 5250 Enterprise Enablement	9080	MHE	EB2R
	9080	MME	
	9119	MHE	
	9119	MME	
Full 5250 Enterprise Enablement	9080	MHE	EB30
	9080	MME	
	9119	MHE	
	9119	MME	
Mobile Enablement	9080	MHE	EB35
	9080	MME	
	9119	MHE	
	9119	MME	
IBM i 7.3 Indicator	9080	MHE	EB73
	9080	MME	
	9119	MHE	
	9119	MME	
IBM i 7.4 Indicator	9080	MHE	EB74
	9080	MME	
	9119	MHE	
	9119	MME	
**Feature ECSL is orderable in China and Brazil only**			
Machine Kit of Parts (MKIT) Indicator	9080	M9S	ECSL
Power IFL Processor Activation for #ELPC	9080	MHE	ELAC
BASE PROCESSOR ACTIVATION (20) FOR #EHC5	9080	MHE	ELAT
Power IFL Processor Activation	9080	MME	ELJ5
	9119	MME	
Power IFL Processor Activation	9080	MHE	ELJ6
	9119	MHE	
Power IFL Processor Activation	9119	MME	ELJ7
Power IFL Processor Activation	9080	MHE	ELJ8
	9119	MHE	
Power IFL Processor Activation	9080	MHE	ELJ9
	9119	MHE	
Power Integrated Facility for Linux Package	9080	MHE	ELJG
	9080	MME	
	9119	MHE	
	9119	MME	
Power IFL Memory Activation	9080	MHE	ELJH
	9080	MME	
	9119	MHE	
	9119	MME	
Power IFL PowerVM for Linux	9080	MME	ELJJ
	9119	MHE	
	9119	MME	
Power IFL PowerVM for Linux	9119	MHE	ELJR
	9119	MME	



for #EP8C or #EP8D	9080	MHE	EP85
1-core Static Processor activation (CSE) for #EP8E or #EP8F	9080	MHE	EP86
1-core Mobile-enabled processor activation (CSE) for #EP8E or #EP8F	9080	MHE	EP87
1-core Static Processor activation (CSE) for #EP8G or #EP8H	9080	MHE	EP88
1-core Mobile-enabled processor activation (CSE) for #EP8G or #EP8H	9080	MHE	EP89
1-core Mobile Processor Activation (CSE)	9080	MHE	EP8J
1-core Mobile Processor activation from P7 (CSE)	9080	MHE	EP8K
1 core Processor Activation for #EPBA or #EPBW	9080	MME	EPBJ
	9119	MME	
1 core Processor Activation for #EPBB or #EPBG	9080	MHE	EPBK
	9119	MHE	
1 core Processor Activation for #EPBC or #EHC2 or #EPBX	9119	MME	EPBL
1 core Processor Activation for #EPBD or #EPBH	9080	MHE	EPBM
	9119	MHE	
1 core Mobile Enabled Processor Activation for #EPBA or #EPBW	9080	MME	EPBN
	9119	MME	
1 core Mobile-enabled Processor Activation for #EPBB or #EPBG	9080	MHE	EPBP
	9119	MHE	
1 core Mobile Enabled Processor Activation for #EPBC or #EPBX	9119	MME	EPBQ
1 core Mobile-enabled Processor Activation for #EPBD or #EPBH	9080	MHE	EPBR
	9119	MHE	
1 core Processor Activation for #EPBS or #EPBT	9080	MHE	EPBU
	9119	MHE	
1 core Mobile Enabled Processor Activation for #EPBS or #EPBT	9080	MHE	EPBV
	9119	MHE	
Static to Mobile Processor Auto Conversion	9080	MHE	EPE0
	9080	MME	
	9119	MHE	
	9119	MME	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBA, AIX/Linux	9080	MME	EPJA
	9119	MME	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBA, IBM i	9080	MME	EPJB
	9119	MME	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBB/#EP8C and #EFP1/#EFP5, AIX/Linux	9080	MHE	EPJG
	9119	MHE	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBB/#EP8C and #EFP1/#EFP5, IBM i	9080	MHE	EPJH
	9119	MHE	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBC, AIX/Linux	9119	MME	EPJN
Proc CoD Utility Billing, 100 Proc-mins. for #EPBC, IBM i	9119	MME	EPJP
Proc CoD Utility Billing, 100 Proc-mins. for #EPBD/#EP8G and #EFP3/#EFP7, AIX/Linux	9080	MHE	EPJU
	9119	MHE	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBD/#EP8G and #EFP3/#EFP7, IBM i	9080	MHE	EPJV
	9119	MHE	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBS/#EP8E and #EFP2/#EFP6, AIX/Linux, AIX/Linux	9080	MHE	EPKQ
	9119	MHE	
Proc CoD Utility Billing, 100 Proc-mins. for #EPBS/#EP8E and #EFP2/#EFP6, AIX/Linux, IBM i	9080	MHE	EPKR
	9119	MHE	
Specify Reserve 4 EIA Rack Space for PCIe3 Expansion Drawer	9080	M9S	ER1A
Virtual Capacity Expedited Shipment	9080	MHE	ESCT

	9080	MME	
	9119	MHE	
	9119	MME	
iSCSI SAN Load Source Specify for AIX	9080	M9S	ESCZ
1 core processor activation for ESP3	9080	MHE	ESP6

1 core static processor activation for ESP1 --EMEA ONLY	9080	MHE	ESP7
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Quantity of 100 1GB Memory activation for SAP HANA	9080	MHE	ESPC
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**Effective October 31, 2022, except for China and South Korea which is December 31, 2023**

#### Feature conversion withdrawals

From type	From feature	To feature	To type	To model
9080	ELJ6	ELJ8	9080	MHE
9119	ELJ6	ELJ8	9119	MHE
9080	EMA6	EMA7	9080	MHE
9080	EMA6	EMA7	9080	MME
9119	EMA6	EMA7	9119	MHE
9119	EMA6	EMA7	9119	MME
9080	EMA9	EMA7	9080	MHE
9080	EMA9	EMA7	9080	MME
9119	EMA9	EMA7	9119	MHE
9119	EMA9	EMA7	9119	MME
9080	EPBJ	EP2S	9080	MME
9119	EPBJ	EP2S	9119	MME
9119	EPBL	EP2S	9119	MME
9080	EPBN	EP2S	9080	MME
9119	EPBN	EP2S	9119	MME
9119	EPBQ	EP2S	9119	MME
9080	EPBK	EP2T	9080	MHE
9119	EPBK	EP2T	9119	MHE
9080	EPBM	EP2T	9080	MHE
9119	EPBM	EP2T	9119	MHE
9080	EPBP	EP2T	9080	MHE
9119	EPBP	EP2T	9119	MHE
9080	EPBR	EP2T	9080	MHE
9119	EPBR	EP2T	9119	MHE
9080	EPBU	EP2T	9080	MHE
9119	EPBU	EP2T	9119	MHE
9080	EPBV	EP2T	9080	MHE
9119	EPBV	EP2T	9119	MHE
9080	EP81	EP80	9080	MME
9080	EP80	EP82	9080	MME
9080	EP81	EP82	9080	MME
9080	EP84	EP88	9080	MHE
9080	EP85	EP89	9080	MHE
9080	EP84	EP8J	9080	MHE
9080	EP85	EP8J	9080	MHE
9080	EP86	EP8J	9080	MHE
9080	EP87	EP8J	9080	MHE
9080	EP88	EP8J	9080	MHE
9080	EP89	EP8J	9080	MHE
9080	EPBK	EPBM	9080	MHE
9119	EPBK	EPBM	9119	MHE
9080	EPBP	EPBR	9080	MHE
9119	EPBP	EPBR	9119	MHE

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## Replacement product information

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None

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## Where available

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**Europe:** Aland Islands, Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bouvet Island, British Indian Ocean Territory, Bulgaria, Comoros, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Falkland Islands (Malvinas), Faroe Islands, Finland, France, French Guiana, French Polynesia, French Southern Territories, Georgia, Germany, Gibraltar, Greece, Greenland, Guadeloupe, Guernsey, Holy See (Vatican City State), Hungary, Iceland, Ireland, Isle of Man, Israel, Italy, Jersey, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Republic of North Macedonia, Malta, Martinique, Mayotte, Republic of Moldova, Monaco, Montenegro, Netherlands, New Caledonia, Norway, Pitcairn, Poland, Portugal, Reunion, Romania, Russian Federation, Saint Barthelemy, Saint Helena Ascension and Tristan da Cunha, Saint Martin (French Part), Saint Pierre and Miquelon, San Marino, Serbia, Slovakia, Slovenia, South Georgia and the South Sandwich Islands, Spain, Svalbard and Jan Mayen, Sweden, Switzerland, Tajikistan, Turkmenistan, Ukraine, United Kingdom, Uzbekistan, Vanuatu, Wallis and Futuna, and the Crimea, Donetsk, and Luhansk regions of Ukraine

**Middle East and Africa:** Afghanistan, Algeria, Angola, Bahrain, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, The Democratic Republic of the Congo, Cote d'Ivoire, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Islamic Republic of Iran, Iraq, Jordan, Kenya, Kuwait, Lebanon, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Oman, Pakistan, State of Palestine, Qatar, Rwanda, Sao Tome and Principe, Saudi Arabia, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Swaziland, Syrian Arab Republic, United Republic of Tanzania, Togo, Tunisia, Turkey, Uganda, United Arab Emirates, Western Sahara, Yemen, Zambia, and Zimbabwe

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## Corrections

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**(Corrected on May 3, 2022)**

Updated the Title.