

# Expanded upgrade paths are now available from water-cooled IBM zEC12 or IBM z13 to air-cooled IBM z14

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## Overview

Today IBM<sup>(R)</sup> is expanding the upgrade paths available to clients by announcing that the IBM zEC12 (MT 2827) and IBM z13<sup>(R)</sup> (MT 2964) servers with a water-cooled feature are now eligible to be upgraded to an IBM z14<sup>TM</sup> (MT 3906) radiator-cooled (air-cooled) machine. Previously there were no upgrade paths that allowed a water-cooled machine to be upgraded to an air-cooled machine.

Water-cooled features for zEC12 include #1099, #1100, #1101, #1102, and #1145. Water-cooled features for z13<sup>(R)</sup> include #1038, #1039, #1040, #1041, and #1042.

Additional details about the water-cooled features (for use with a client-site chilled-water system) can be found in IBM z14 Hardware Announcement [117-044](#), dated July 17, 2017.

## Planned availability date

February 12, 2019

## Product number

No new product numbers are being announced.

## Model conversions

Not applicable.

## Feature conversions

From Machine Type	From Machine Model	From Feature	To Machine Type	To Machine Model	To Feature	Description
2827	H20	1099	3906	M01	1023	H20 water to M01 air
2827	H20	1099	3906	M02	1024	H20 water to M02 air

<b>From Machine Type</b>	<b>From Machine Model</b>	<b>From Feature</b>	<b>To Machine Type</b>	<b>To Machine Model</b>	<b>To Feature</b>	<b>Description</b>
2827	H20	1099	3906	M03	1025	H20 water to M03 air
2827	H20	1099	3906	M04	1026	H20 water to M04 air
2827	H20	1099	3906	M05	1027	H20 water to M05 air
2827	H43	1100	3906	M01	1023	H43 water to M01 air
2827	H43	1100	3906	M02	1024	H43 water to M02 air
2827	H43	1100	3906	M03	1025	H43 water to M03 air
2827	H43	1100	3906	M04	1026	H43 water to M04 air
2827	H43	1100	3906	M05	1027	H43 water to M05 air
2827	H66	1101	3906	M01	1023	H66 water to M01 air
2827	H66	1101	3906	M02	1024	H66 water to M02 air
2827	H66	1101	3906	M03	1025	H66 water to M03 air
2827	H66	1101	3906	M04	1026	H66 water to M04 air
2827	H66	1101	3906	M05	1027	H66 water to M05 air
2827	H89	1102	3906	M01	1023	H89 water to M01 air
2827	H89	1102	3906	M02	1024	H89 water to M02 air
2827	H89	1102	3906	M03	1025	H89 water to M03 air
2827	H89	1102	3906	M04	1026	H89 water to M04 air
2827	H89	1102	3906	M05	1027	H89 water to M05 air
2827	HA1	1145	3906	M01	1023	HA1 water to M01 air
2827	HA1	1145	3906	M02	1024	HA1 water to M02 air
2827	HA1	1145	3906	M03	1025	HA1 water to M03 air

<b>From Machine Type</b>	<b>From Machine Model</b>	<b>From Feature</b>	<b>To Machine Type</b>	<b>To Machine Model</b>	<b>To Feature</b>	<b>Description</b>
2827	HA1	1145	3906	M04	1026	HA1 water to M04 air
2827	HA1	1145	3906	M05	1027	HA1 water to M05 air
2964	N30	1038	3906	M01	1023	N30 water to M01 air
2964	N30	1038	3906	M02	1024	N30 water to M02 air
2964	N30	1038	3906	M03	1025	N30 water to M03 air
2964	N30	1038	3906	M04	1026	N30 water to M04 air
2964	N30	1038	3906	M05	1027	N30 water to M05 air
2964	N63	1039	3906	M01	1023	N63 water to M01 air
2964	N63	1039	3906	M02	1024	N63 water to M02 air
2964	N63	1039	3906	M03	1025	N63 water to M03 air
2964	N63	1039	3906	M04	1026	N63 water to M04 air
2964	N63	1039	3906	M05	1027	N63 water to M05 air
2964	N96	1040	3906	M01	1023	N96 water to M01 air
2964	N96	1040	3906	M02	1024	N96 water to M02 air
2964	N96	1040	3906	M03	1025	N96 water to M03 air
2964	N96	1040	3906	M04	1026	N96 water to M04 air
2964	N96	1040	3906	M05	1027	N96 water to M05 air
2964	NC9	1041	3906	M01	1023	NC9 water to M01 air
2964	NC9	1041	3906	M02	1024	NC9 water to M02 air
2964	NC9	1041	3906	M03	1025	NC9 water to M03 air

From Machine Type	From Machine Model	From Feature	To Machine Type	To Machine Model	To Feature	Description
2964	NC9	1041	3906	M04	1026	NC9 water to M04 air
2964	NC9	1041	3906	M05	1027	NC9 water to M05 air
2964	NE1	1042	3906	M01	1023	NE1 water to M01 air
2964	NE1	1042	3906	M02	1024	NE1 water to M02 air
2964	NE1	1042	3906	M03	1025	NE1 water to M03 air
2964	NE1	1042	3906	M04	1026	NE1 water to M04 air
2964	NE1	1042	3906	M05	1027	NE1 water to M05 air

Parts removed as a result of a feature conversion become the property of IBM.

Feature conversions are available only at the time of manufacture.

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## Publications

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Details on education offerings related to specific products can be found on the [IBM authorized training](#) website.

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## Technical information

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### Planning information

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#### *Cable orders*

Not applicable.

### Security, auditability, and control

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The client is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

### IBM Systems Lab Services

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## Prices

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