



# **DDR4 RDIMM [3200-2933]**

## **Validation Results**

---

**Aug 2022**



**Notice: This document contains information on products in the design phase of development. The information here is subject to change without notice. Do not finalize a design with this information.**

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software, or service activation. Learn more at [intel.com](http://intel.com), or from the OEM or retailer.

No computer system can be absolutely secure. Intel does not assume any liability for lost or stolen data or systems or any damages resulting from such losses.

You may not use or facilitate the use of this document in connection with any infringement or other legal analysis concerning Intel products described herein. You agree to grant Intel a non-exclusive, royalty-free license to any patent claim thereafter drafted which includes subject matter disclosed herein.

No license (express or implied, by estoppel or otherwise) to any intellectual property rights is granted by this document. The products described may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

This document contains information on products, services and/or processes in development. All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest Intel product specifications and roadmaps.

Intel disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade.

Copies of documents which have an order number and are referenced in this document may be obtained by calling 1-800-548-4725 or by visiting [www.intel.com/design/literature.htm](http://www.intel.com/design/literature.htm).

Intel, the Intel logo, and Xeon are trademarks of Intel Corporation in the U.S. and/or other countries.

\*Other names and brands may be claimed as the property of others

Copyright © 2021, Intel Corporation. All Rights Reserved.

## ***DDR4 RDIMM Validation Results***

---

Listed below are validation results from a small sample of DDR4 RDIMM's tested on Intel server reference platforms. We are providing this information as a guide to memory compatibility with Intel server reference platforms and in-accordance to Intel platform memory POR (Plan of Record). This testing is not intended to replace the normal OEM component qualification process. All parts used are recommended to be run with the latest Intel® platform Reference Code Production Version.



**DDR4 3200 RDIMM tested (on Whitley/Cedar Island Platform) in the following conditions:**  
**3200 MT/s 1.2V 2DIMM per channel; 2 slots per channel; 8 channels**  
**2933 MT/s 1.2V 2DIMM per channel; 2 slots per channel; 8 channel**

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
A-Data	AI4P32NC8T1-B81S	8 GB	22	22	D1	H5AN8G8NDJR-XNC	8 Gb	x8	2046	Montage	H1
A-Data	AI4P32NCST2-B82S	16 GB	22	22	E4	H5AN8G8NDJR-XNC	8 Gb	x8	2134	Montage	H1
A-Data	AD4R3200732G22-BHYA	32 GB	22	22	E3	H5ANAG8NAJR-XNC	16 Gb	x8	2052	Montage	H1
Biwin	B44ARBG73222B-ME1B	32 GB	22	E3	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2122	Montage	H1
Biwin	B44ARAG73222B-ME1A	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2122	Montage	H1
Kingston	KSM32RS8/16MFI	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2150	IDT	C1
Kingston	KSM32RS8/16MFM	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2204	Montage	H1
Kingston	KSM32RS8/16MFR	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2150	Rambus	B0
Kingston	KSM32RD8/32MFI	32 GB	22	E4	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2150	IDT	C1
Kingston	KSM32RD8/32MFM	32 GB	22	E4	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2150	Montage	H1
Kingston	KSM32RD8/32MFR	32 GB	22	E4	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2150	Rambus	B0
Kingston	KSM32RS4/32MFI	32 GB	22	C3	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2150	IDT	C1
Kingston	KSM32RS4/32MFM	32 GB	22	C3	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2150	Montage	H1
Kingston	KSM32RS4/32MFR	32 GB	22	C3	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2150	Rambus	B0
Kingston	KSM32RS8/8SDI	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2216	IDT	C1
Kingston	KSM32RS8/8SDM	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2216	Montage	H1
Kingston	KSM32RS8/8SDR	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2216	Rambus	B0

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM32RD8/16SDI	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2207	IDT	C1
Kingston	KSM32RD8/16SDM	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2207	Montage	H1
Kingston	KSM32RD8/16SDR	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	2207	Rambus	B0
Kingston	KSM32RS4/16SDI	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2204	IDT	C1
Kingston	KSM32RS4/16SDM	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2204	Montage	H1
Kingston	KSM32RS4/16SDR	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2204	Rambus	B0
Kingston	KSM32RD4/32SDI	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2201	IDT	C1
Kingston	KSM32RD4/32SDM	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2201	Montage	H1
Kingston	KSM32RD4/32SDR	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	2204	Rambus	B0
Kingston	KSM32RS8/16SBI	16 GB	22	D1	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	IDT	C1
Kingston	KSM32RS8/16SBM	16 GB	22	D1	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	Montage	H1
Kingston	KSM32RS8/16SBR	16 GB	22	D1	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	Rambus	B0
Kingston	KSM32RD8/32SBI	32 GB	22	E4	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	IDT	C1
Kingston	KSM32RD8/32SBM	32 GB	22	E4	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	Montage	H1
Kingston	KSM32RD8/32SBR	32 GB	22	E4	Samsung	K4AAG085WB-BCWE	16 Gb	x8	2216	Rambus	B0
Kingston	KSM32RS4/32SBI	32 GB	22	C3	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2219	IDT	C1
Kingston	KSM32RD4/64SBM	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2219	Montage	H1
Kingston	KSM32RS4/32SBR	32 GB	22	C3	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2149	Rambus	B0
Kingston	KSM32RD4/64SBI	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2149	IDT	C1
Kingston	KSM32RD4/64SBR	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2149	Rambus	B0



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM32RD4/64MFR	64 GB	22	B4	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2202	Rambus	B0
Kingston	KSM32RD4/64MFM	64 GB	22	B4	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2202	Montage	H1
Kingston	KSM32RD4/64MFI	64 GB	22	B4	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2202	IDT	C1
Kingston	KSM32RD8/32MER	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2018	Rambus	B0
Kingston	KSM32RD8/32MEM	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2018	Montage	H1
Kingston	KSM32RD8/32MEI	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2018	IDT	C1
Kingston	KSM32RS8/16MER	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2020	Rambus	B0
Kingston	KSM32RD4/64MER	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Rambus	B0
Kingston	KSM32RD4/64MEM	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Montage	H1
Kingston	KSM32RD4/64MEI	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	IDT	C1
Kingston	KSM32RS8/16MEM	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2018	Montage	H1
Kingston	KSM32RS8/16MEI	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2018	IDT	C1
Kingston	KSM32RS4/32MER	32 GB	23	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Rambus	B0
Kingston	KSM32RS4/32MEM	32 GB	24	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Montage	H1
Kingston	KSM32RS4/32MEI	32 GB	25	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2018	IDT	C1
Kingston	KSM32RD8/32HAR	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	Rambus	B0
Kingston	KSM32RD8/32HAM	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	Montage	H1
Kingston	KSM32RD8/32HAI	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	IDT	C1
Kingston	KSM32RS8/16HAR	16 GB	22	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	Rambus	B0
Kingston	KSM32RS8/16HAM	16 GB	22	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	Montage	H1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM32RS8/16HAI	16 GB	22	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2026	IDT	C1
Kingston	KSM32RD4/64HAR	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	Rambus	B0
Kingston	KSM32RD4/64HAM	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	Montage	H1
Kingston	KSM32RD4/64HAI	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	IDT	C1
Kingston	KSM32RS4/32HAR	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	Rambus	B0
Kingston	KSM32RS4/32HAM	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	Montage	H1
Kingston	KSM32RS4/32HAI	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2010	IDT	C1
Kingston	KSM32RD8/16HCR	16 GB	22	E4	SK hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1950	Rambus	B0
Kingston	KSM32RD8/16HCI	16 GB	22	E4	SK hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1950	IDT	C1
Kingston	KSM32RS8/8HDR	8 GB	22	D1	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2121	Rambus	B0
Kingston	KSM32RD8/16HDI	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2133	IDT	C1
Kingston	KSM32RD8/16HDM	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2130	Montage	H1
Kingston	KSM32RD8/16HDR	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2133	Rambus	B0
Kingston	KSM32RD8/16HDI	16 GB	22	E4	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2123	IDT	C1
Kingston	KSM32RD8/16HDM	16 GB	22	E4	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2123	Montage	H1
Kingston	KSM32RD8/16HDR	16 GB	22	E4	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2121	Rambus	B0
Kingston	KSM32RS4/16HDR	16 GB	22	C3	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	2018	Rambus	B0
Kingston	KSM32RD4/32HDR	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	2009	Rambus	B0
Kingston	KSM32RD4/32HDM	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	2009	Montage	H1
Kingston	KSM32RD4/32HDI	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	2009	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM32RS8/16HCI	16 GB	22	D1	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2101	IDT	C1
Kingston	KSM32RS8/16HCR	16 GB	22	D1	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2101	Rambus	B0
Kingston	KSM32RD8/32HCI	32 GB	22	E4	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2101	IDT	C1
Kingston	KSM32RD8/32HCM	32 GB	22	E4	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2101	Montage	H1
Kingston	KSM32RD8/32HCR	32 GB	22	E4	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2101	Rambus	B0
Kingston	KSM32RS4/32HCI	32 GB	22	C3	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2101	IDT	C1
Kingston	KSM32RS4/32HCR	32 GB	22	C3	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2101	Rambus	B0
Kingston	KSM32RD4/64HCI	64 GB	22	B4	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2101	IDT	C1
Kingston	KSM32RD4/64HCM	64 GB	22	B4	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2101	Montage	H1
Kingston	KSM32RD4/64HCR	64 GB	22	B4	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2101	Rambus	B0
Kingston	KSM32RS8/8MRI	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	IDT	C1
Kingston	KSM32RS8/8MRM	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	Montage	H1
Kingston	KSM32RS8/8MRR	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	Rambus	B0
Kingston	KSM32RD8/16MRI	16 GB	22	E4	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	IDT	C1
Kingston	KSM32RD8/16MRM	16 GB	22	E4	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	Montage	H1
Kingston	KSM32RD8/16MRR	16 GB	22	E4	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2116	Rambus	B0
Kingston	KSM32RS4/16MRI	16 GB	22	C3	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	IDT	C1
Kingston	KSM32RS4/16MRM	16 GB	22	C3	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	Montage	H1
Kingston	KSM32RS4/16MRR	16 GB	22	C3	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	Rambus	B0
Kingston	KSM32RD4/32MRI	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM32RD4/32MRM	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	Montage	H1
Kingston	KSM32RD4/32MRR	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2118	Rambus	B0
Micron	MTA18ASF2G72PZ-3G2E2	16 GB	22	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2028	Rambus	B0
Micron	MTA18ASF2G72PZ-3G2E2	16 GB	22	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2028	Montage	H1
Micron	MTA18ASF2G72PZ-3G2E2	16 GB	22	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2028	IDT	C1
Micron	MTA9ASF1G72PZ-3G2E2	8 GB	22	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	Rambus	B0
Micron	MTA9ASF1G72PZ-3G2E2	8 GB	22	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	Montage	H1
Micron	MTA9ASF1G72PZ-3G2E2	8 GB	22	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	IDT	C1
Micron	MTA36ASF4G72PZ-3G2E7	32 GB	22	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2028	Rambus	B0
Micron	MTA36ASF4G72PZ-3G2E7	32 GB	22	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2028	Montage	H1
Micron	MTA36ASF4G72PZ-3G2E7	32 GB	22	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	2105	IDT	C1
Micron	MTA18ASF2G72PDZ-3G2E1	16 GB	22	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	Rambus	B0
Micron	MTA18ASF2G72PDZ-3G2E1	16 GB	22	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	Montage	H1
Micron	MTA18ASF2G72PDZ-3G2E1	16 GB	22	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	2028	IDT	C1
Micron	MTA36ASF4G72PZ-3G2J3	32 GB	22	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	Rambus	B0
Micron	MTA36ASF4G72PZ-3G2J3	32 GB	22	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	Montage	H1
Micron	MTA36ASF4G72PZ-3G2J3	32 GB	22	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	IDT	C1
Micron	MTA18ASF2G72PZ-3G2J3	16 GB	22	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	Rambus	B0
Micron	MTA18ASF2G72PZ-3G2J3	16 GB	22	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	Montage	H1
Micron	MTA18ASF2G72PZ-3G2J3	16 GB	22	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1918	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA18ASF2G72PDZ-3G2J3	16 GB	22	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	Rambus	B0
Micron	MTA18ASF2G72PDZ-3G2J3	16 GB	22	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	Montage	H1
Micron	MTA18ASF2G72PDZ-3G2J3	16 GB	22	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	IDT	C1
Micron	MTA9ASF1G72PZ-3G2J3	8 GB	22	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	Rambus	B0
Micron	MTA9ASF1G72PZ-3G2J3	8 GB	22	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	Montage	H1
Micron	MTA9ASF1G72PZ-3G2J3	8 GB	22	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1918	IDT	C1
Micron	MTA36ASF8G72PZ-3G2E1	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	Rambus	B0
Micron	MTA36ASF8G72PZ-3G2E1	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	IDT	C1
Micron	MTA18ASF4G72PZ-3G2E1	32 GB	22	C2	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Rambus	B0
Micron	MTA18ASF4G72PZ-3G2E1	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Micron	MTA9ASF2G72PZ-3G2E1	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Micron	MTA36ASF8G72PZ-3G2E1	64 GB	22	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	Montage	H1
Micron	MTA18ASF4G72PZ-3G2E1	32 GB	22	C2	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1942	Montage	H1
Micron	MTA18ASF4G72PZ-3G2E1	32 GB	22	C2	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	IDT	C1
Micron	MTA18ASF4G72PDZ-3G2E1	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1938	Montage	H1
Micron	MTA18ASF4G72PDZ-3G2E1	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1938	IDT	C1
Micron	MTA18ASF4G72PDZ-3G2E1	32 GB	22	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Micron	MTA9ASF2G72PZ-3G2E1	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Montage	H1
Micron	MTA9ASF2G72PZ-3G2E1	16 GB	22	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	IDT	C1
Micron	MTA36ASF8G72PZ-3G2B2	64 GB	22	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	Rambus	B0

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA36ASF8G72PZ-3G2B2	64 GB	22	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	IDT	C1
Micron	MTA36ASF8G72PZ-3G2B2	64 GB	22	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	Montage	H1
Micron	MTA18ASF4G72PZ-3G2B1	32 GB	22	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	Rambus	B0
Micron	MTA18ASF4G72PZ-3G2B1	32 GB	22	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	Montage	H1
Micron	MTA18ASF4G72PZ-3G2B1	32 GB	22	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1918	IDT	C1
Micron	MTA18ASF4G72PDZ-3G2B1	32 GB	22	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	Rambus	B0
Micron	MTA18ASF4G72PDZ-3G2B1	32 GB	22	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	Montage	H1
Micron	MTA18ASF4G72PDZ-3G2B1	32 GB	22	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	IDT	C1
Micron	MTA9ASF2G72PZ-3G2B1	16 GB	22	D1	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	Rambus	B0
Micron	MTA9ASF2G72PZ-3G2B1	16 GB	22	D1	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	Montage	H1
Micron	MTA9ASF2G72PZ-3G2B1	16 GB	22	D1	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	IDT	C1
Micron	MTA18ASF4G72PDZ-3G2B2	32 GB	22	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1944	Rambus	B0
Micron	MTA18ASF4G72PDZ-3G2B2	32 GB	22	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1936	Montage	H1
Micron	MTA18ASF4G72PDZ-3G2B2	32 GB	22	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1938	IDT	C1
Micron	MTA18ASF2G72PDZ-3G2R1	16 GB	22	E2	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2108	Rambus	B0
Micron	MTA18ASF2G72PDZ-3G2R1	16 GB	22	E2	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2106	Montage	H1
Micron	MTA18ASF2G72PDZ-3G2R1	16 GB	22	E2	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2108	IDT	C1
Micron	MTA36ASF4G72PZ-3G2R1	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	Rambus	B0
Micron	MTA36ASF4G72PZ-3G2R1	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	Montage	H1
Micron	MTA36ASF4G72PZ-3G2R1	32 GB	22	B2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA18ASF2G72PZ-3G2R1	16 GB	22	C2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	Rambus	B0
Micron	MTA18ASF2G72PZ-3G2R1	16 GB	22	C2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	Montage	H1
Micron	MTA18ASF2G72PZ-3G2R1	16 GB	22	C2	Micron	MT40A2G4SA-062E:R	8 Gb	x4	2106	IDT	C1
Micron	MTA9ASF1G72PZ-3G2R1	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2106	Rambus	B0
Micron	MTA9ASF1G72PZ-3G2R1	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2106	Montage	H1
Micron	MTA9ASF1G72PZ-3G2R1	8 GB	22	D1	Micron	MT40A1G8SA-062E:R	8 Gb	x8	2106	IDT	C1
Micron	MTA18ASF4G72PDZ-3G2F1	32 GB	22	E2	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2140	Rambus	B0
Micron	MTA18ASF4G72PDZ-3G2F1	32 GB	22	E2	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2140	Montage	H1
Micron	MTA18ASF4G72PDZ-3G2F1	32 GB	22	E2	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2140	IDT	C1
Micron	MTA36ASF8G72PZ-3G2F1	64 GB	22	B2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2142	Rambus	B0
Micron	MTA36ASF8G72PZ-3G2F1	64 GB	22	B2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2142	Montage	H1
Micron	MTA36ASF8G72PZ-3G2F1	64 GB	22	B2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2142	IDT	C1
Micron	MTA18ASF4G72PZ-3G2F1	32 GB	22	C2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2134	Rambus	B0
Micron	MTA18ASF4G72PZ-3G2F1	32 GB	22	C2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2134	Montage	H1
Micron	MTA18ASF4G72PZ-3G2F1	32 GB	22	C2	Micron	MT40A4G4SA-062E:F	16 Gb	x4	2134	IDT	C1
Micron	MTA9ASF2G72PZ-3G2F1	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2134	Rambus	B0
Micron	MTA9ASF2G72PZ-3G2F1	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2134	Montage	H1
Micron	MTA9ASF2G72PZ-3G2F1	16 GB	22	D1	Micron	MT40A2G8SA-062E:F	16 Gb	x8	2134	IDT	C1
Nanya	NT8GA72D89FX3P-JR	8 GB	22	D1	Nanya	NT5AD1024M8F3-JR	8 Gb	x8	2119	Montage	H1
Nanya	NT8GA72D89FX3K-JR	8 GB	22	D1	Nanya	NT5AD1024M8F3-JR	8 Gb	x8	2119	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Nanya	NT16GA72D8PFX3P-JR	16 GB	22	E2	Nanya	NT5AD1024M8F3-JR	8 Gb	x8	2040	Montage	H1
Nanya	NT16GA72D8PFX3K-JR	16 GB	22	E2	Nanya	NT5AD1024M8F3-JR	8 Gb	x8	2040	IDT	C1
Nanya	NT32GA72D4NFX3P-JR	32 GB	22	B2	Nanya	NT5AD2048M4F3-JR	8 Gb	x4	2041	Montage	H1
Nanya	NT32GA72D4NFX3K-JR	32 GB	22	B2	Nanya	NT5AD2048M4F3-JR	8 Gb	x4	2041	IDT	C1
Nanya	NT16GA72D4PFX3P-JR	16 GB	22	C2	Nanya	NT5AD2048M4F3-JR	8 Gb	x4	2041	Montage	H1
Nanya	NT16GA72D4PFX3K-JR	16 GB	22	C2	Nanya	NT5AD2048M4F3-JR	8 Gb	x4	2041	IDT	C1
Samsung	M393A1K43DB2-CWE	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	Rambus	B0
Samsung	M393A1K43DB2-CWE	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	Montage	H1
Samsung	M393A1K43DB2-CWE	8 GB	22	D1	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	IDT	C1
Samsung	M393A4K40DB3-CWE	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	Rambus	B0
Samsung	M393A4K40DB3-CWE	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	Montage	H1
Samsung	M393A4K40DB3-CWE	32 GB	22	B2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	IDT	C1
Samsung	M393A2K40DB3-CWE	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	Rambus	B0
Samsung	M393A2K40DB3-CWE	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	Montage	H1
Samsung	M393A2K40DB3-CWE	16 GB	22	C2	Samsung	K4A8G045WD-BCWE	8 Gb	x4	1950	IDT	C1
Samsung	M393A2K43DB3-CWE	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	Rambus	B0
Samsung	M393A2K43DB3-CWE	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	Montage	H1
Samsung	M393A2K43DB3-CWE	16 GB	22	E2	Samsung	K4A8G085WD-BCWE	8 Gb	x8	1950	IDT	C1
Samsung	M393A4G40AB3-CWE	32 GB	22	C3	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	Rambus	B0
Samsung	M393A4G40AB3-CWE	32 GB	22	C3	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	Montage	H1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Samsung	M393A4G40AB3-CWE	32 GB	22	C3	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	IDT	C1
Samsung	M393A8G40AB2-CWE	64 GB	22	A2	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	Rambus	B0
Samsung	M393A8G40AB2-CWE	64 GB	22	A2	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	IDT	C1
Samsung	M393A8G40AB2-CWE	64 GB	22	A2	Samsung	K4AAG045WA-BCWE	16 Gb	x4	1925	Montage	H1
Samsung	M393A4G43AB3-CWE	32 GB	22	E3	Samsung	K4AAG085WA-BCWE	16 Gb	x8	1928	Rambus	B0
Samsung	M393A4G43AB3-CWE	32 GB	22	E3	Samsung	K4AAG085WA-BCWE	16 Gb	x8	1928	Montage	H1
Samsung	M393A4G43AB3-CWE	32 GB	22	E3	Samsung	K4AAG085WA-BCWE	16 Gb	x8	1928	IDT	C1
Samsung	M393A2K40EB3-CWE	16 GB	22	C2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2016	Rambus	B0
Samsung	M393A2K40EB3-CWE	16 GB	22	C2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2016	Montage	H1
Samsung	M393A2K40EB3-CWE	16 GB	22	C2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2016	IDT	C1
Samsung	M393A2K43EB3-CWE	16 GB	22	E2	Samsung	K4A8G085WE-BCWE	8 Gb	x8	2016	Rambus	B0
Samsung	M393A2K43EB3-CWE	16 GB	22	E2	Samsung	K4A8G085WE-BCWE	8 Gb	x8	2016	Montage	H1
Samsung	M393A2K43EB3-CWE	16 GB	22	E2	Samsung	K4A8G085WE-BCWE	8 Gb	x8	2016	IDT	C1
Samsung	M393A4K40EB3-CWE	32 GB	22	B2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2037	Rambus	B0
Samsung	M393A4K40EB3-CWE	32 GB	22	B2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2016	Montage	H1
Samsung	M393A4K40EB3-CWE	32 GB	22	B2	Samsung	K4A8G045WE-BCWE	8 Gb	x4	2016	IDT	C1
Samsung	M393A4G43BB4-CWE	32 GB	22	E4	Samsung	K4AAG045WB-BCWE	16 Gb	x8	2043	IDT	C1
Samsung	M393A4G43BB4-CWE	32 GB	22	E4	Samsung	K4AAG045WB-BCWE	16 Gb	x8	2043	Montage	H1
Samsung	M393A4G43BB4-CWE	32 GB	22	E4	Samsung	K4AAG045WB-BCWE	16 Gb	x8	2043	Rambus	B0
Samsung	M393A4G40BB3-CWE	32 GB	22	C3	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2104	Montage	H1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Samsung	M393A8G40BB4-CWE	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2034	IDT	C1
Samsung	M393A8G40BB4-CWE	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2034	Montage	H1
Samsung	M393A8G40BB4-CWE	64 GB	22	B4	Samsung	K4AAG045WB-BCWE	16 Gb	x4	2034	Rambus	B0
SK hynix	HMA84GR7CJR4N-XNT8	32 GB	22	B2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1909	Rambus	B0
SK hynix	HMA84GR7CJR4N-XNT4	32 GB	22	B2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1922	Montage	H1
SK hynix	HMA84GR7CJR4N-XNTG	32 GB	22	B2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1922	IDT	C1
SK hynix	HMA82GR7CJR4N-XNT8	16 GB	22	C2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1922	Rambus	B0
SK hynix	HMA82GR7CJR4N-XNT4	16 GB	22	C2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1922	Montage	H1
SK hynix	HMA82GR7CJR4N-XNTG	16 GB	22	C2	SK hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1922	IDT	C1
SK hynix	HMA82GR7CJR8N-XNT8	16 GB	22	E2	SK hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1914	Rambus	B0
SK hynix	HMA82GR7CJR8N-XNT4	16 GB	22	E2	SK hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1922	Montage	H1
SK hynix	HMA82GR7CJR8N-XNTG	16 GB	22	E2	SK hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1922	IDT	C1
SK hynix	HMA84GR7DJR4N-XNT8	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	Rambus	B0
SK hynix	HMA84GR7DJR4N-XNT4	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	Montage	H1
SK hynix	HMA84GR7DJR4N-XNTG	32 GB	22	B2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	IDT	C1
SK hynix	HMA82GR7DJR4N-XNT8	16 GB	22	C2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	Rambus	B0
SK hynix	HMA82GR7DJR4N-XNT4	16 GB	22	C2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	Montage	H1
SK hynix	HMA82GR7DJR4N-XNTG	16 GB	22	C2	SK hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1924	IDT	C1
SK hynix	HMA82GR7DJR8N-XNT8	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1924	Rambus	B0
SK hynix	HMA82GR7DJR8N-XNT4	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1924	Montage	H1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
SK hynix	HMAA82GR7DJR8N-XNTG	16 GB	22	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1924	IDT	C1
SK hynix	HMAA8GR7AJR4N-XNT8	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	Rambus	B0
SK hynix	HMAA8GR7AJR4N-XNTG	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	IDT	C1
SK hynix	HMAA8GR7AJR4N-XNT4	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	Montage	H1
SK hynix	HMAA4GR7AJR4N-XNT8	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	Rambus	B0
SK hynix	HMAA4GR7AJR4N-XNT4	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	Montage	H1
SK hynix	HMAA4GR7AJR4N-XNTG	32 GB	22	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1927	IDT	C1
SK hynix	HMAA4GR7AJR8N-XNT8	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1927	Rambus	B0
SK hynix	HMAA4GR7AJR8N-XNT4	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1927	Montage	H1
SK hynix	HMAA4GR7AJR8N-XNTG	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1927	IDT	C1
SK hynix	HMAA8GR7CJR4N-XNT8	64 GB	22	B2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2018	Rambus	B0
SK hynix	HMAA8GR7CJR4N-XNT4	64 GB	22	B2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2018	Montage	H1
SK hynix	HMAA8GR7CJR4N-XNTG	64 GB	22	B2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2018	IDT	C1
SK hynix	HMAA4GR7CJR4N-XNT8	32 GB	22	C2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2017	Rambus	B0
SK hynix	HMAA4GR7CJR4N-XNT4	32 GB	22	C2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2017	Montage	H1
SK hynix	HMAA4GR7CJR4N-XNTG	32 GB	22	C2	SK hynix	H5ANAG4NCJR-XNC	16 Gb	x4	2017	IDT	C1
SK hynix	HMAA4GR7CJR8N-XNT8	32 GB	22	E2	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2017	Rambus	B0
SK hynix	HMAA4GR7CJR8N-XNT4	32 GB	22	E2	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2017	Montage	H1
SK hynix	HMAA4GR7CJR8N-XNTG	32 GB	22	E2	SK hynix	H5ANAG8NCJR-XNC	16 Gb	x8	2017	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
SK hynix	HMABAGR7A2R4N-XST4	128 GB	26	B4	SK hynix	H5ANBG4TA2R-XSC	16 Gb 3DS	x4	1930	Montage	H1
SK hynix	HMABAGR7A2R4N-XSTG	128 GB	26	B4	SK hynix	H5ANBG4TA2R-XSC	16 Gb 3DS	x4	1930	IDT	C1
SK hynix	HMAT14JXSRB120N	256 GB	26	B3	SK hynix	H5AG64JXSDX042	16 Gb 3DS	x4	2037	Montage	H1
SK hynix	HMAT14JXSRB122N	256 GB	26	B3	SK hynix	H5AG64JXSDX042	16 Gb 3DS	x4	2037	IDT	C1
SK Hynix	HMAG84EXNRA199N	32 GB	22	B2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	Rambus	B0
SK Hynix	HMAG84EXNRA086N	32 GB	22	B2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	IDT	C1
SK Hynix	HMAG84EXNRA084N	32 GB	22	B2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	Montage	H1
SK Hynix	HMAG78EXNRA199N	16 GB	22	E2	Hynix	H5AG38EXNDX026	8 Gb	x8	2136	Rambus	B0
SK Hynix	HMAG78EXNRA086N	16 GB	22	E2	Hynix	H5AG38EXNDX026	8 Gb	x8	2136	IDT	C1
SK Hynix	HMAG78EXNRA084N	16 GB	22	E2	Hynix	H5AG38EXNDX026	8 Gb	x8	2136	Montage	H1
SK Hynix	HMAG74EXNRA199N	16 GB	22	C2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	Rambus	B0
SK Hynix	HMAG74EXNRA086N	16 GB	22	C2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	IDT	C1
SK Hynix	HMAG74EXNRA084N	16 GB	22	C2	Hynix	H5AG34EXNDX026	8 Gb	x4	2137	Montage	H1
Tigo	KTQGR4AEE-H	32 GB	3200	22	E2	H5ANAG8NAJR-XNC	16 Gb	x8	2112	Montage	H1
Tigo	KTFGR4AE9	16 GB	3200	22	D1	H5ANAG8NAJR-XNC	16 Gb	x8	2112	Montage	H1
UniIC	SCC32GP13H2F1C-32AA	32 GB	22	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	2028	Montage	H1
UniIC	SCC64GP12H2F1C-32AA	64 GB	22	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2009	Montage	H1



**DDR4 2933 RDIMM tested (On Cascade Lake-SP Processors) in the following conditions:**  
**8 Gb/16 Gb : 2933 MT/s 1.2V 1DIMM per channel; 2 slots per channel; 6 channels**  
**16 Gb : 2666 MT/s 1.2V 2DIMM per channel; 2 slots per channel; 6 channels**

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Crucial	CT16G4RFD8293.18FD1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1806	Montage	H1
Crucial	CT16G4RFD8293.18FD1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1750	Rambus	B0
Crucial	CT16G4RFD8293.18FD1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1750	IDT	C1
Crucial	CT32G4RFD4293.36FD3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1806	Montage	H1
Crucial	CT32G4RFD4293.36FD3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1750	Rambus	B0
Crucial	CT32G4RFD4293.36FD3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1750	IDT	C1
Crucial	CT16G4RFD8293.18FE1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1804	Montage	H1
Crucial	CT16G4RFD8293.18FE1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	Rambus	B0
Crucial	CT16G4RFD8293.18FE1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	IDT	C1
Crucial	CT16G4RFS4293.18FE1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1804	Montage	H1
Crucial	CT16G4RFS4293.18FE1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	IDT	C1
Crucial	CT16G4RFS4293.18FE1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	Rambus	B0
Crucial	CT32G4RFD4293.36FE2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1804	Montage	H1
Crucial	CT32G4RFD4293.36FE2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1750	IDT	C1
Crucial	CT32G4RFD4293.36FE2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	Rambus	B0
Crucial	CT8G4RFS8293.9FE1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1804	Montage	H1
Crucial	CT8G4RFS8293.9FE1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	Rambus	B0

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Crucial	CT8G4RFS8293.9FE1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	IDT	C1
Crucial	CT64G4RFD4293.36FB1	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1848	IDT	C1
Crucial	CT64G4RFD4293.36FB1	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1848	Rambus	B0
Crucial	CT64G4RFD4293.36FB1	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1848	Montage	H1
Crucial	CT32G4RFD4293.36FJ3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	IDT	C1
Crucial	CT32G4RFD4293.36FJ3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	Rambus	B0
Crucial	CT32G4RFD4293.36FJ3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	Montage	H1
Crucial	CT16G4RFS4293.18FJ3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	IDT	C1
Crucial	CT16G4RFS4293.18FJ3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	Rambus	B0
Crucial	CT16G4RFS4293.18FJ3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	Montage	H1
Crucial	CT16G4RFD8293.18FJ3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	IDT	C1
Crucial	CT16G4RFD8293.18FJ3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Rambus	B0
Crucial	CT16G4RFD8293.18FJ3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Montage	H1
Crucial	CT8G4RFS8293.9FJ3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	IDT	C1
Crucial	CT8G4RFS8293.9FJ3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Rambus	B0
Crucial	CT8G4RFS8293.9FJ3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Montage	H1
Crucial	CT64G4RFD4293.36FB2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	IDT	C1
Crucial	CT64G4RFD4293.36FB2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	Rambus	B0
Crucial	CT64G4RFD4293.36FB2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	Montage	H1
Crucial	CT32G4RFS4293.18FB1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Crucial	CT32G4RFS4293.18FB1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	Rambus	B0
Crucial	CT32G4RFS4293.18FB1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	Montage	H1
Crucial	CT32G4RFD8293.18FB1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	IDT	C1
Crucial	CT32G4RFD8293.18FB1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	Rambus	B0
Crucial	CT32G4RFD8293.18FB1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	Montage	H1
Crucial	CT64G4RFD4293.36FE1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	IDT	C1
Crucial	CT64G4RFD4293.36FE1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Rambus	B0
Crucial	CT64G4RFD4293.36FE1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Montage	H1
Crucial	CT32G4RFS4293.18FE1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	IDT	C1
Crucial	CT32G4RFS4293.18FE1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Rambus	B0
Crucial	CT32G4RFS4293.18FE1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	Montage	H1
Crucial	CT32G4RFD8293.18FE1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	IDT	C1
Crucial	CT32G4RFD8293.18FE1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Crucial	CT32G4RFD8293.18FE1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Montage	H1
Crucial	CT16G4RFS8293.9FE1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	IDT	C1
Crucial	CT16G4RFS8293.9FE1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Crucial	CT16G4RFS8293.9FE1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Montage	H1
Kingston	KSM29RS8/8MEI	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1830	IDT	C1
Kingston	KSM29RD4/32MEI	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1822	IDT	C1
Kingston	KSM29RD8/16MEI	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1830	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RS4/16MEI	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1822	IDT	C1
Kingston	KSM29RS8/8MEM	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1830	Montage	H1
Kingston	KSM29RD4/32MEM	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1822	Montage	H1
Kingston	KSM29RD8/16MEM	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1830	Montage	H1
Kingston	KSM29RS4/16MEM	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1822	Montage	H1
Kingston	KSM29RS4/16MER	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1934	Rambus	B0
Kingston	KSM29RD4/32MER	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1934	Rambus	B0
Kingston	KSM29RS8/8HCI	8 GB	21	D1	SK Hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1835	IDT	C1
Kingston	KSM29RD4/32HCI	32 GB	21	B2	SK Hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1835	IDT	C1
Kingston	KSM29RD8/16HCI	16 GB	21	E2	SK Hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1835	IDT	C1
Kingston	KSM29RS4/16HCI	16 GB	21	C2	SK Hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1835	IDT	C1
Kingston	KSM29RS8/8HCM	8 GB	21	D1	SK Hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1835	Montage	H1
Kingston	KSM29RD4/32HCM	32 GB	21	B2	SK Hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1835	Montage	H1
Kingston	KSM29RD8/16HCM	16 GB	21	E2	SK Hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1835	Montage	H1
Kingston	KSM29RS4/16HCM	16 GB	21	C2	SK Hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1835	Montage	H1
Kingston	KSM29RS8/8MJI	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1902	IDT	C1
Kingston	KSM29RD8/16MJI	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1902	IDT	C1
Kingston	KSM29RS4/16MJI	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1902	IDT	C1
Kingston	KSM29RD4/32MJI	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1902	IDT	C1
Kingston	KSM29RD4/64HAI	64 GB	21	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2030	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RD4/64HAM	64 GB	21	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2030	Montage	H1
Kingston	KSM29RD4/64HAR	64 GB	21	B4	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	2030	Rambus	B0
Kingston	KSM29RD4/64MEI	64 GB	21	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	IDT	C1
Kingston	KSM29RD4/64MEM	64 GB	21	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Montage	H1
Kingston	KSM29RD4/64MER	64 GB	21	B4	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2024	Rambus	B0
Kingston	KSM29RS8/8MJM	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1902	Montage	H1
Kingston	KSM29RD8/16MJM	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1902	Montage	H1
Kingston	KSM29RS4/16MJM	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1902	Montage	H1
Kingston	KSM29RD4/32MJM	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1902	Montage	H1
Kingston	KSM29RD8/16MJR	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Rambus	B0
Kingston	KSM29RS8/16MBI	16 GB	21	D1	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1934	IDT	C1
Kingston	KSM29RD8/32MBI	32 GB	21	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1918	IDT	C1
Kingston	KSM29RS4/32MBI	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1932	IDT	C1
Kingston	KSM29RD4/64MBI	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1916	IDT	C1
Kingston	KSM29RD8/32MBM	32 GB	21	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1934	Montage	H1
Kingston	KSM29RS4/32MBM	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1932	Montage	H1
Kingston	KSM29RD4/64MBM	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1916	Montage	H1
Kingston	KSM29RD8/32MBR	32 GB	21	E3	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1934	Rambus	B0
Kingston	KSM29RD4/64MBR	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1932	Rambus	B0
Kingston	KSM29RS8/8HJI	8 GB	21	D1	SK Hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1929	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RD8/16HJI	16 GB	21	E2	SK hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1938	IDT	C1
Kingston	KSM29RS4/16HJI	16 GB	21	C2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	IDT	C1
Kingston	KSM29RD4/32HJI	32 GB	21	B2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	IDT	C1
Kingston	KSM29RS8/8HJM	8 GB	21	D1	SK Hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1929	Montage	H1
Kingston	KSM29RD8/16HJM	16 GB	21	E2	SK Hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1938	Montage	H1
Kingston	KSM29RS4/16HJM	16 GB	21	C2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	Montage	H1
Kingston	KSM29RD4/32HJM	32 GB	21	B2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	Montage	H1
Kingston	KSM29RS8/8HJR	8 GB	21	D1	SK Hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1929	Rambus	B0
Kingston	KSM29RD8/16HJR	16 GB	21	E2	SK Hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1938	Rambus	B0
Kingston	KSM29RS4/16HJR	16 GB	21	C2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	Rambus	B0
Kingston	KSM29RD4/32HJR	32 GB	21	B2	SK Hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1938	Rambus	B0
Kingston	KSM29RS8/8HDI	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1949	IDT	C1
Kingston	KSM29RD8/16HDI	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1949	IDT	C1
Kingston	KSM29RS4/16HDI	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RD4/32HDI	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RS8/8HDM	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1947	Montage	H1
Kingston	KSM29RD8/16HDM	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1949	Montage	H1
Kingston	KSM29RS4/16HDM	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	Montage	H1
Kingston	KSM29RD4/32HDM	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	Montage	H1
Kingston	KSM29RS8/8HDR	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1949	Rambus	B0



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RD8/16HDR	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1949	Rambus	B0
Kingston	KSM29RS4/16HDR	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RD4/32HDR	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RS8/8HDI	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1949	IDT	C1
Kingston	KSM29RD8/16HDI	16 GB	21	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1930	IDT	C1
Kingston	KSM29RS4/16HDI	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RD4/32HDI	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RS8/8HDM	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1949	Montage	H1
Kingston	KSM29RD8/16HDM	16 GB	21	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1930	Montage	H1
Kingston	KSM29RS4/16HDM	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	Montage	H1
Kingston	KSM29RD4/32HDM	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	Montage	H1
Kingston	KSM29RS8/8HDR	8 GB	21	D1	SK Hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1949	Rambus	B0
Kingston	KSM29RD8/16HDR	16 GB	21	E2	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	1930	Rambus	B0
Kingston	KSM29RS4/16HDR	16 GB	21	C2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RD4/32HDR	32 GB	21	B2	SK Hynix	H5AN8G4NDJR-XNC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RS8/8HCI	8 GB	21	D1	SK Hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1950	IDT	C1
Kingston	KSM29RS4/16HCI	16 GB	21	C2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RD4/32HCI	32 GB	21	B2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	IDT	C1
Kingston	KSM29RS8/8HCM	8 GB	21	D1	SK Hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1950	Montage	H1
Kingston	KSM29RS4/16HCM	16 GB	21	C2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	Montage	H1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RD4/32HCM	32 GB	21	B2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	Montage	H1
Kingston	KSM29RS8/8HCR	8 GB	21	D1	SK Hynix	H5AN8G8NCJR-XNC	8 Gb	x8	1950	Rambus	B0
Kingston	KSM29RS4/16HCR	16 GB	21	C2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RD4/32HCR	32 GB	21	B2	SK Hynix	H5AN8G4NCJR-XNC	8 Gb	x4	1949	Rambus	B0
Kingston	KSM29RS8/16HAI	16 GB	21	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1942	IDT	C1
Kingston	KSM29RD8/32HAI	32 GB	21	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1942	IDT	C1
Kingston	KSM29RS4/32HAI	32 GB	21	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1930	IDT	C1
Kingston	KSM29RD4/64HAI	64 GB	21	B3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1930	IDT	C1
Kingston	KSM29RS8/16HAM	16 GB	21	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1948	Montage	H1
Kingston	KSM29RD8/32HAM	32 GB	21	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1942	Montage	H1
Kingston	KSM29RS4/32HAM	32 GB	21	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1930	Montage	H1
Kingston	KSM29RD4/64HAM	64 GB	21	B3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1930	Montage	H1
Kingston	KSM29RS8/16HAR	16 GB	21	D1	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1948	Rambus	B0
Kingston	KSM29RD8/32HAR	32 GB	21	E4	SK hynix	H5ANAG8NAJR-XNC	16 Gb	x8	1942	Rambus	B0
Kingston	KSM29RS4/32HAR	32 GB	21	C3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1952	Rambus	B0
Kingston	KSM29RD4/64HAR	64 GB	21	B3	SK hynix	H5ANAG4NAJR-XNC	16 Gb	x4	1952	Rambus	B0
Kingston	KSM29RS8/16MEI	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2006	IDT	C1
Kingston	KSM29RD8/32MEI	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2004	IDT	C1
Kingston	KSM29RS4/32MEI	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2004	IDT	C1
Kingston	KSM29RD4/64MEI	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2004	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Kingston	KSM29RS8/16MEM	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2006	Montage	H1
Kingston	KSM29RD8/32MEM	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2006	Montage	H1
Kingston	KSM29RS4/32MEM	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2004	Montage	H1
Kingston	KSM29RD4/64MEM	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2006	Montage	H1
Kingston	KSM29RS8/16MER	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2006	Rambus	B0
Kingston	KSM29RD8/32MER	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	2004	Rambus	B0
Kingston	KSM29RS4/32MER	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2006	Rambus	B0
Kingston	KSM29RD4/64MER	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	2004	Rambus	B0
Micron	MTA18ASF2G72PDZ-2G9D1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1806	Montage	H1
Micron	MTA18ASF2G72PDZ-2G9D1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1750	Rambus	B0
Micron	MTA18ASF2G72PDZ-2G9D1	16 GB	21	E2	Micron	MT40A1G8WE-062E:D	8 Gb	x8	1750	IDT	C1
Micron	MTA36ASF4G72PZ-2G9D3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1806	Montage	H1
Micron	MTA36ASF4G72PZ-2G9D3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1750	Rambus	B0
Micron	MTA36ASF4G72PZ-2G9D3	32 GB	21	B2	Micron	MT40A2G4WE-062E:D	8 Gb	x4	1750	IDT	C1
Micron	MTA18ASF2G72PDZ-2G9E1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1804	Montage	H1
Micron	MTA18ASF2G72PDZ-2G9E1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	Rambus	B0
Micron	MTA18ASF2G72PDZ-2G9E1	16 GB	21	E2	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	IDT	C1
Micron	MTA18ASF2G72PZ-2G9E1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1804	Montage	H1
Micron	MTA18ASF2G72PZ-2G9E1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	IDT	C1
Micron	MTA18ASF2G72PZ-2G9E1	16 GB	21	C2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	Rambus	B0

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA36ASF4G72PZ-2G9E2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1804	Montage	H1
Micron	MTA36ASF4G72PZ-2G9E2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1750	IDT	C1
Micron	MTA36ASF4G72PZ-2G9E2	32 GB	21	B2	Micron	MT40A2G4SA-062E:E	8 Gb	x4	1752	Rambus	B0
Micron	MTA9ASF1G72PZ-2G9E1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1804	Montage	H1
Micron	MTA9ASF1G72PZ-2G9E1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	Rambus	B0
Micron	MTA9ASF1G72PZ-2G9E1	8 GB	21	D1	Micron	MT40A1G8SA-062E:E	8 Gb	x8	1750	IDT	C1
Micron	MTA36ASF8G72PZ-2G9B1	64 GB	21	B3	Micron	MT40A4G4VA-062E	16 Gb	X4	1848	IDT	C1
Micron	MTA36ASF8G72PZ-2G9B1	64 GB	21	B3	Micron	MT40A4G4VA-062E	16 Gb	X4	1848	Montage	H1
Micron	MTA36ASF8G72PZ-2G9B1	64 GB	21	B3	Micron	MT40A4G4VA-062E	16 Gb	X4	1848	Rambus	B0
Micron	MTA36ASF4G72PZ-2G9J3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	IDT	C1
Micron	MTA36ASF4G72PZ-2G9J3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	Rambus	B0
Micron	MTA36ASF4G72PZ-2G9J3	32 GB	21	B2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1916	Montage	H1
Micron	MTA18ASF2G72PZ-2G9J3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	IDT	C1
Micron	MTA18ASF2G72PZ-2G9J3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	Rambus	B0
Micron	MTA18ASF2G72PZ-2G9J3	16 GB	21	C2	Micron	MT40A2G4SA-062E:J	8 Gb	x4	1914	Montage	H1
Micron	MTA18ASF2G72PDZ-2G9J3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	IDT	C1
Micron	MTA18ASF2G72PDZ-2G9J3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Rambus	B0
Micron	MTA18ASF2G72PDZ-2G9J3	16 GB	21	E2	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Montage	H1
Micron	MTA9ASF1G72PZ-2G9J3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	IDT	C1
Micron	MTA9ASF1G72PZ-2G9J3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Rambus	B0



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA9ASF1G72PZ-2G9J3	8 GB	21	D1	Micron	MT40A1G8SA-062E:J	8 Gb	x8	1914	Montage	H1
Micron	MTA36ASF8G72PZ-2G9B2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	IDT	C1
Micron	MTA36ASF8G72PZ-2G9B2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	Rambus	B0
Micron	MTA36ASF8G72PZ-2G9B2	64 GB	21	B3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1912	Montage	H1
Micron	MTA18ASF4G72PZ-2G9B1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	IDT	C1
Micron	MTA18ASF4G72PZ-2G9B1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	Rambus	B0
Micron	MTA18ASF4G72PZ-2G9B1	32 GB	21	C3	Micron	MT40A4G4VA-062E:B	16 Gb	x4	1914	Montage	H1
Micron	MTA18ASF4G72PDZ-2G9B1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	IDT	C1
Micron	MTA18ASF4G72PDZ-2G9B1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	Rambus	B0
Micron	MTA18ASF4G72PDZ-2G9B1	32 GB	21	E4	Micron	MT40A2G8VA-062E:B	16 Gb	x8	1916	Montage	H1
Micron	MTA36ASF8G72PZ-2G9E1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	IDT	C1
Micron	MTA36ASF8G72PZ-2G9E1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Rambus	B0
Micron	MTA36ASF8G72PZ-2G9E1	64 GB	21	B3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Montage	H1
Micron	MTA18ASF4G72PZ-2G9E1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	IDT	C1
Micron	MTA18ASF4G72PZ-2G9E1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1940	Rambus	B0
Micron	MTA18ASF4G72PZ-2G9E1	32 GB	21	C3	Micron	MT40A4G4JC-062E:E	16 Gb	x4	1938	Montage	H1
Micron	MTA18ASF4G72PDZ-2G9E1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	IDT	C1
Micron	MTA18ASF4G72PDZ-2G9E1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Micron	MTA18ASF4G72PDZ-2G9E1	32 GB	21	E4	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Montage	H1
Micron	MTA9ASF2G72PZ-2G9E1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	IDT	C1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Micron	MTA9ASF2G72PZ-2G9E1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Rambus	B0
Micron	MTA9ASF2G72PZ-2G9E1	16 GB	21	D1	Micron	MT40A2G8JC-062E:E	16 Gb	x8	1940	Montage	H1
Samsung	M393A2K40CB2-CVF	16 GB	21	C2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	Rambus	B0
Samsung	M393A4K40CB2-CVF	32 GB	21	B2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	Rambus	B0
Samsung	M393A4K40CB2-CVF	32 GB	21	B2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	IDT	C1
Samsung	M393A2K40CB2-CVF	16 GB	21	C2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	Rambus	B0
Samsung	M393A2K40CB2-CVF	16 GB	21	C2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	Montage	H1
Samsung	M393A2K40CB2-CVF	16 GB	21	C2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	IDT	C1
Samsung	M393A2K43CB2-CVF	16 GB	21	E2	Samsung	K4A8G085WC-BCVF	8 Gb	x8	0619	Rambus	B0
Samsung	M393A2K43CB2-CVF	16 GB	21	E2	Samsung	K4A8G085WC-BCVF	8 Gb	x8	0619	Montage	H1
Samsung	M393A2K43CB2-CVF	16 GB	21	E2	Samsung	K4A8G085WC-BCVF	8 Gb	x8	0619	IDT	C1
Samsung	M393A4K40CB2-CVF	32 GB	21	B2	Samsung	K4A8G045WC-BCVF	8 Gb	x4	0619	Montage	H1
Samsung	M393A2K40DB2-CVFC0	16 GB	21	C2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	Montage	H1
Samsung	M393A2K40DB2-CVFB0	16 GB	21	C2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	IDT	C1
Samsung	M393A2K40DB2-CVFG0	16 GB	21	C2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	Rambus	B0
Samsung	M393A2K43DB2-CVFC0	16 GB	21	E2	Samsung	K4A8G085WD-BCVF	8 Gb	x8	0619	Montage	H1
Samsung	M393A2K43DB2-CVFB0	16 GB	21	E2	Samsung	K4A8G085WD-BCVF	8 Gb	x8	0619	IDT	C1
Samsung	M393A2K43DB2-CVFG0	16 GB	21	E2	Samsung	K4A8G085WD-BCVF	8 Gb	x8	0619	Rambus	B0
Samsung	M393A4K40DB2-CVFC0	32 GB	21	B2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	Montage	H1
Samsung	M393A4K40DB2-CVFB0	32 GB	21	B2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	IDT	C1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
Samsung	M393A4K40DB2-CVFG0	32 GB	21	B2	Samsung	K4A8G045WD-BCVF	8 Gb	x4	0619	Rambus	B0
Samsung	M393A8G40MB2-CVF	64 GB	21	A2	Samsung	K4AAG085WM-BCVF	16 Gb	x4	1824	IDT	C1
Samsung	M393A8G40MB2-CVF	64 GB	21	A2	Samsung	K4AAG085WM-BCVF	16 Gb	x4	1824	Montage	H1
Samsung	M393A4G43AB3-CVF	32 GB	21	E3	Samsung	K4AAG085WA-BCVF	16 Gb	x8	1852	IDT	C1
Samsung	M393A4G43AB3-CVF	32 GB	21	E3	Samsung	K4AAG085WA-BCVF	16 Gb	x8	1852	MTG	H1
Samsung	M393A4G43AB3-CVF	32 GB	21	E3	Samsung	K4AAG085WA-BCVF	16 Gb	x8	1852	Rambus	B0
Samsung	M393A4G40AB3-CVF	32 GB	21	C3	Samsung	K4AAG045WA-BCVF	16 Gb	x4	1852	IDT	C1
Samsung	M393A4G40AB3-CVF	32 GB	21	C3	Samsung	K4AAG045WA-BCVF	16 Gb	x4	1852	MTG	H1
Samsung	M393A4G40AB3-CVF	32 GB	21	C3	Samsung	K4AAG045WA-BCVF	16 Gb	x4	1852	Rambus	B0
Samsung	M393A1K43DB1-CVF	8 GB	21	D1	Samsung	K4A8G085WD-BCVF	8 Gb	x8	1852	MTG	H1
Samsung	M393A4K40EB3-CVFC0	32 GB	21	B2	Samsung	K4A8G045WE-BCVF	8 Gb	x4	2001	Montage	H1
Samsung	M393A4K40EB3-CVFG0	32 GB	21	B2	Samsung	K4A8G045WE-BCVF	8 Gb	x4	1946	IDT	C1
Samsung	M393A4K40EB3-CVFB0	32 GB	21	B2	Samsung	K4A8G045WE-BCVF	8 Gb	x4	2001	Rambus	B0
Samsung	M393A8G40AB2-CVFC0	64 GB	21	A2	Samsung	K4AAG045WE-BCVF	16 Gb	x4	1928	Montage	H1
Samsung	M393A8G40AB2-CVFB0	64 GB	21	A2	Samsung	K4AAG045WE-BCVF	16 Gb	x4	1928	IDT	C1
Samsung	M393A8G40AB2-CVFG0	64 GB	21	A2	Samsung	K4AAG045WE-BCVF	16 Gb	x4	1928	Rambus	B0
SK hynix	HMABAGR7A2R4N-WRT4	128 GB	24	B4	SK hynix	H5ANBG4TA2R-WMC	16 Gb 3DS	x4	1933	Montage	H1
SK hynix	HMABAGR7A2R4N-WRTG	128 GB	24	B4	SK hynix	H5ANBG4TA2R-WMC	16 Gb 3DS	x4	1933	IDT	C1
SK hynix	HMABAGR7C4R4N-WRT4	128 GB	24	B2	SK hynix	H5ANBG4TC4R-WRC	8 Gb	x4	1834	Montage	H1

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
SK hynix	HMA84GR7C4R4N-WRTG	128 GB	24	B2	SK hynix	H5ANBG4TC4R-WRC	8 Gb	x4	1834	IDT	C1
SK hynix	HMA84GR7CJR4N-WMT8	32 GB	21	B2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1832	Rambus	B0
SK hynix	HMA84GR7CJR4N-WMT4	32 GB	21	B2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1806	Montage	H1
SK hynix	HMA84GR7CJR4N-WMTG	32 GB	21	B2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1806	IDT	C1
SK hynix	HMA82GR7CJR4N-WMT8	16 GB	21	C2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1806	Rambus	B0
SK hynix	HMA82GR7CJR4N-WMT4	16 GB	21	C2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1801	Montage	H1
SK hynix	HMA82GR7CJR4N-WMTG	16 GB	21	C2	SK hynix	H5AN8G4NCJR-WMC	8 Gb	x4	1806	IDT	C1
SK hynix	HMA82GR7CJR8N-WMT8	16 GB	21	E2	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	Rambus	B0
SK hynix	HMA82GR7CJR8N-WMT4	16 GB	21	2	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	Montage	H1
SK hynix	HMA82GR7CJR8N-WMTG	16 GB	21	E2	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	IDT	C1
SK hynix	HMA81GR7CJR8N-WMT8	8 GB	21	D1	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	Rambus	B0
SK hynix	HMA81GR7CJR8N-WMT4	8 GB	21	D1	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	Montage	H1
SK hynix	HMA81GR7CJR8N-WMTG	8 GB	21	D1	SK hynix	H5AN8G8NCJR-WMC	8 Gb	x8	1807	IDT	C1
SK hynix	HMAA8GR7MJR4N-WMTG	64 GB	21	B3	SK hynix	H5ANAG4NMJR-WMC	16 Gb	x4	1851	IDT	C1
SK hynix	HMAA8GR7MJR4N-WMT4	64 GB	21	B3	SK hynix	H5ANAG4NMJR-WMC	16 Gb	x4	1851	Montage	H1
SK hynix	HMAA8GR7MJR4N-WMT4	64 GB	21	B3	SK hynix	H5ANAG4NMJR-WMC	16 Gb	x4	1901	Rambus	B0
SK hynix	HMA81GR7DJR8N-WMT4	8 GB	21	D1	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	Montage	H1
SK hynix	HMA81GR7DJR8N-WMTG	8 GB	21	D1	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	IDT	C1
SK hynix	HMA81GR7DJR8N-WMT8	8 GB	21	D1	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	Rambus	B0
SK hynix	HMA82GR7DJR4N-WMT4	16 GB	21	C2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	Montage	H1



DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
SK hynix	HMA82GR7DJR4N-WMTG	16 GB	21	C2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	IDT	C1
SK hynix	HMA82GR7DJR4N-WMT8	16 GB	21	C2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	Rambus	B0
SK hynix	HMA82GR7DJR8N-WMT4	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	Montage	H1
SK hynix	HMA82GR7DJR8N-WMTG	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	IDT	C1
SK hynix	HMA82GR7DJR8N-WMT8	16 GB	21	E2	SK hynix	H5AN8G8NDJR-WMC	8 Gb	x8	1849	Rambus	B0
SK hynix	HMA84GR7DJR4N-WMT4	32 GB	21	B2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	Montage	H1
SK hynix	HMA84GR7DJR4N-WMTG	32 GB	21	B2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	IDT	C1
SK hynix	HMA84GR7DJR4N-WMT8	32 GB	21	B2	SK hynix	H5AN8G4NDJR-WMC	8 Gb	x4	1848	Rambus	B0
SK hynix	HMAA4GR7AJR4N-WMTG	32 GB	21	C3	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1908	IDT	C1
SK hynix	HMAA4GR7AJR4N-WMT4	32 GB	21	C3	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1908	Montage	H1
SK hynix	HMAA4GR7AJR4N-WMT8	32 GB	21	C3	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1908	Rambus	B0
SK hynix	HMA82GR7JJR4N-WMT4	16 GB	21	C2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	Montage	H1
SK hynix	HMA82GR7JJR4N-WMTG	16 GB	21	C2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	IDT	C1
SK hynix	HMA82GR7JJR4N-WMT8	16 GB	21	C2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	Rambus	B0
SK hynix	HMA82GR7JJR8N-WMT4	16 GB	21	E2	SK hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1921	Montage	H1
SK hynix	HMA82GR7JJR8N-WMTG	16 GB	21	E2	SK hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1921	IDT	C1
SK hynix	HMA82GR7JJR8N-WMT8	16 GB	21	E2	SK hynix	H5AN8G8NJJR-WMC	8 Gb	x8	1921	Rambus	B0
SK hynix	HMA84GR7JJR4N-WMT4	32 GB	21	B2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	Montage	H1
SK hynix	HMA84GR7JJR4N-WMTG	32 GB	21	B2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	IDT	C1
SK hynix	HMA84GR7JJR4N-WMT8	32 GB	21	B2	SK hynix	H5AN8G4NJJR-WMC	8 Gb	x4	1920	Rambus	B0

DIMM Supplier	DIMM Part Number	DIMM Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Register Vendor	Register Rev
SK hynix	HMAA8GR7AJR4N-WMT4	64 GB	21	B4	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1908	Montage	H1
SK hynix	HMAA8GR7AJR4N-WMTG	64 GB	21	B4	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1909	IDT	C1
SK hynix	HMAA8GR7AJR4N-WMT8	64 GB	21	B4	SK hynix	H5ANAG4NAJR-WMC	16 Gb	x4	1908	Rambus	A0
SK hynix	HMAA4GR7AJR8N-WMT4	32 GB	21	E4	SK hynix	H5ANAG8NAJR-WMC	16 Gb	x8	1927	Montage	H1
SK hynix	HMAA4GR7AJR8N-WMTG	32 GB	21	E4	SK hynix	H5ANAG8NAJR-WMC	16 Gb	x8	1927	IDT	C1
SK hynix	HMAA4GR7AJR8N-WMT8	32 GB	21	E4	SK hynix	H5ANAG8NAJR-WMC	16 Gb	x8	1927	Rambus	A0
SK hynix	HMAA4GR7CJR4N-WMT4	32 GB	21	C2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	Montage	H1
SK hynix	HMAA4GR7CJR4N-WMTG	32 GB	21	C2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	IDT	C1
SK hynix	HMAA4GR7CJR4N-WMT8	32 GB	21	C2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	Rambus	B0
SK hynix	HMAA4GR7CJR8N-WMT4	32 GB	21	E2	SK hynix	H5ANAG8NCJR-WMC	16 Gb	x8	2021	Montage	H1
SK hynix	HMAA4GR7CJR8N-WMTG	32 GB	21	E2	SK hynix	H5ANAG8NCJR-WMC	16 Gb	x8	2021	IDT	C1
SK hynix	HMAA4GR7CJR8N-WMT8	32 GB	21	E2	SK hynix	H5ANAG8NCJR-WMC	16 Gb	x8	2021	Rambus	B0
SK hynix	HMAA8GR7CJR4N-WMT4	64 GB	21	B2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	Montage	H1
SK hynix	HMAA8GR7CJR4N-WMTG	64 GB	21	B2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	IDT	C1
SK hynix	HMAA8GR7CJR4N-WMT8	64 GB	21	B2	SK hynix	H5ANAG4NCJR-WMC	16 Gb	x4	2020	Rambus	B0
SK hynix	HMAT14JWRRB120N	256 GB	24	B3	SK hynix	H5AG64JWRDX042	16 Gb 3DS	x4	2038	Montage	H1
SK hynix	HMAT14JWRRB122N	256 GB	24	B3	SK hynix	H5AG64JWRDX042	16 Gb 3DS	x4	2038	IDT	C1
Unigen	U20V700Q8DGM-IEE3-UGHD	16 GB	21	E3	SK hynix	H5AN8G8NDJR-XNC	8 Gb	x8	2117	Montage	H1



## Approved Test Labs

The following test labs have the capability of performing ATE and system-level validation testing:

### **Advanced Validation Labs**

Attn: Rhonda Duda  
Advanced Validation Labs  
17665B Newhope Street  
Fountain Valley, CA 92708  
USA Phone: 714-438-2787  
<mailto:rduda@validationlabs.com>