

16Gbit DRAM Product Transition guide

In this guide we show you the 16Gbit products you'll need as part of the transition from 8Gbit to 16Gbit. You'll also find DRAM products suitable for legacy systems that are not compatible with 16Gbit DRAM.

16Gbit COMPATIBLE SERVER PLATFORM (JEDEC SPEC)			
	8Gbit Based	Change	16Gbit Alternate
LRDIMM	KSM29LQ4/64HCI	Alternate Type	KSM32RD4/64MER, KSM32RD4/64HAR
	KSM29LQ4/64HCM		KSM29RD4/64MER, KSM29RD4/64HAR
	KSM26LQ4/64HCI		KSM26RD4/64MER, KSM26RD4/64HAR
	KSM26LQ4/64HCM		
RDIMM	KSM32RD4/32MEI	Alternate Rank or x8	KSM32RS4/32MER, KSM32RD8/32MER, KSM32RS4/32HAR
	KSM29RD4/32MEI		KSM29RS4/32MER, KSM29RD8/32MER, KSM29RS4/32HAR
	KSM26RD4/32MEI		KSM26RS4/32MEI, KSM26RD8/32MEI, KSM26RS4/32HAI
	KSM32RS4/16MEI	Alternate x8	KSM32RS8/16MER
	KSM29RS4/16MEI		KSM29RS8/16MER
	KSM26RS4/16MEI		KSM26RS8/16MEI
	KSM32RD8/16MEI	Alternate Rank	KSM32RS8/16MER
	KSM29RD8/16MEI		KSM29RS8/16MER
	KSM26RD8/16MEI		KSM26RS8/16MEI
	KSM32RS8/8MEI	Alternate Capacity	KSM32RS8/16MER
	KSM29RS8/8MEI		KSM29RS8/16MER
	KSM26RS8/8MEI		KSM26RS8/16MEI

16Gbit COMPATIBLE WORKSTATION PLATFORM (JEDEC SPEC)			
	8Gbit Based	Change	16Gbit Alternate
ECC UDIMM	KSM32ED8/16ME	Alternate Rank, Capacity, or Speed	KSM32ED8/32ME
	KSM26ED8/16ME		KSM29ED8/32ME
			KSM26ED8/32ME
			KSM32ES8/16ME
			KSM29ES8/16ME
		KSM26ES8/16ME	
	KSM32ES8/8ME	Alternate Capacity or Speed	KSM32ES8/16ME
	KSM26ES8/8ME		KSM29ES8/16ME
ECC SODIMM	KSM26SED8/16ME	Alternate Rank or Capacity	KSM26SED8/32ME
			KSM26SES8/16ME
	KSM26SES8/8ME	Alternate Capacity	KSM26SES8/16ME

16Gbit INCOMPATIBLE SERVER PLATFORM (8Gbit ONLY, JEDEC SPEC)			
	8Gbit Based	Change	8Gbit Based Replacement
RDIMM	KSM32RD4/32MEI	Replacement DRAM Die Revision	KSM32RD4/32HDR
	KSM29RD4/32MEI		KSM29RD4/32HDR
	KSM26RD4/32MEI		KSM26RD4/32HDI
	KSM32RS4/16MEI		KSM32RS4/16HDR
	KSM29RS4/16MEI		KSM29RS4/16HDR
	KSM26RS4/16MEI		KSM26RS4/16HDI
	KSM32RD8/16MEI		KSM32RD8/16HDR
	KSM29RD8/16MEI		KSM29RD8/16HDR
	KSM26RD8/16MEI		KSM26RD8/16HDI
	KSM32RS8/8MEI		KSM32RS8/8HDR
	KSM29RS8/8MEI		KSM29RS8/8HDR
	KSM26RS8/8MEI		KSM26RS8/8HDI

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16Gbit INCOMPATIBLE WORKSTATION PLATFORM (8Gbit ONLY, JEDEC SPEC)

	8Gbit Based	Change	16Gbit Alternate
ECC UDIMM	KSM32ED8/16ME	Alternate DRAM or Speed	KSM32ED8/16HD
	KSM26ED8/16ME		KSM29ED8/16HD
	KSM24ED8/16ME		KSM26ED8/16HD
	KSM32ES8/8ME		KSM32ES8/8HD
	KSM26ES8/8ME		KSM29ES8/8HD
	KSM24ES8/8ME		KSM26ES8/8HD
ECC SODIMM	KSM26SED8/16ME		KSM29SED8/16HD
	KSM24SED8/16ME		KSM26SED8/16HD
	KSM26SES8/8ME		KSM29SES8/8HD
	KSM24SES8/8ME		KSM26SES8/8HD

16Gbit COMPATIBLE CLIENT PLATFORM (JEDEC SPEC)

	8Gbit Based	Change	16Gbit Alternate
UDIMM	KVR32N22D8/16	Alternate Rank, Capacity, Speed or x16	KVR32N22D8/32
	KVR29N21D8/16		KVR29N21D8/32
	KVR26N19D8/16		KVR26N19D8/32
			KVR32N22S8/16
			KVR29N21S8/16
			KVR26N19S8/16
	KVR32N22S8/8		KVR32N22S6/8
	KVR29N21S8/8		KVR26N19S6/8
	KVR26N19S8/8		KVR26N19S6/8
	KVR32N22S6/4		KVR32N22S6/8
SODIMM	KVR29N21S6/4	KVR29N21S6/8	
	KVR26N19S6/4	KVR26N19S6/8	
	KVR32S22D8/16	KVR32S22D8/32	
	KVR29S21D8/16	KVR29S21D8/32	
	KVR26S19D8/16	KVR26S19D8/32	
		KVR32S22S8/16	
		KVR29S21S8/16	
		KVR26S19S8/16	
	KVR32S22S8/8	KVR32S22S6/8	
	KVR29S21S8/8	KVR29S21S6/8	
SODIMM	KVR26S19S8/8	KVR26S19S6/8	
	KVR32S22S6/4	KVR32S22S6/8	
	KVR29S21S6/4	KVR29S21S6/8	
	KVR26S19S6/4	KVR26S19S6/8	
		KVR32S22S6/8	
		KVR29S21S6/8	

16Gbit COMPATIBLE SERVER PLATFORM (Cisco, Dell, HPE, Lenovo)

	8Gbit Based	Change	16Gbit Alternate
LRDIMM	(Cisco) KCS-UC429LQ/64G	Alternate Type	KCS-UC429/64G
	(Cisco) KCS-UC426LQ/64G		
	(Dell) KTD-PE429LQ/64G		KTD-PE432/64G
	(Dell) KTD-PE426LQ/64G		KTD-PE429/64G
	(HPE) KTH-PL429LQ/64G		KTH-PL429/64G
	(HPE) KTH-PL426LQ/64G		
	(Lenovo) KTL-TS429LQ/64G		KTL-TS429/64G
	(Lenovo) KTL-TS426LQ/64G		
RDIMM	(Cisco) KCS-UC429/32G	Alternate Rank or x8	(1Rx4) KCS-UC429S4/32G, (2Rx8) KCS-UC429D8/32G
	(Dell) KTD-PE429/32G		(1Rx4) KTD-PE432S4/32G, (2Rx8) KTD-PE432D8/32G
			(1Rx4) KTD-PE429S4/32G, (2Rx8) KTD-PE429D8/32G
	(HPE) KTH-PL429/32G		(1Rx4) KTH-PL429S4/32G, (2Rx8) KTH-PL429D8/32G
	(Lenovo) KTL-TS429/32G	(1Rx4) KTL-TS429S4/32G	
	(Cisco) KCS-UC429/16G	x8 or Alternate Capacity	(1Rx4) KCS-UC429S4/32G
	(HPE) KTH-PL429/16G		(1Rx4) KTH-PL429S4/32G, (2Rx8) KTH-PL429D8/32G
	(Lenovo) KTL-TS429/16G		(1Rx8) KTL-TS429S8/16G, (1Rx4) KTL-TS429S4/32G
	(Dell) KTD-PE432D8/16G		(1Rx4) KTD-PE432S8/16G
	(Dell) KTD-PE429D8/16G	Alternate Rank	(1Rx4) KTD-PE429S8/16G
	(Dell) KTD-PE426D8/16G		(1Rx4) KTD-PE426S8/16G
	(HPE) KTH-PL429D8/16G		(1Rx4) KTH-PL429S8/16G
	(HPE) KTH-PL426D8/16G		(1Rx4) KTH-PL426S8/16G
	(Lenovo) KTL-TS429D8/16G		(1Rx8) KTL-TS429S8/16G
	(Lenovo) KTL-TS426D8/16G		(1Rx8) KTL-TS426S8/16G
	(Dell) KTD-PE432S8/8G		Alternate Capacity
(Dell) KTD-PE429S8/8G	(1Rx4) KTD-PE429S8/16G		
(Dell) KTD-PE426S8/8G	(1Rx4) KTD-PE426S8/16G		
(HPE) KTH-PL429S8/8G	(1Rx4) KTH-PL429S8/16G		
(HPE) KTH-PL426S8/8G	(1Rx4) KTH-PL426S8/16G		
(Lenovo) KTL-TS429S8/8G	(1Rx8) KTL-TS429S8/16G		
(Lenovo) KTL-TS426S8/8G	(1Rx8) KTL-TS426S8/16G		

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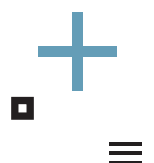
16Gbit COMPATIBLE CLIENT PLATFORM (MAJOR BRAND)			
	8Gbit Based	Change	16Gbit Alternate
UDIMM	KCP432ND8/16	Alternate Rank, Capacity, Speed or x16	KCP432ND8/32
	KCP429ND8/16		KCP429ND8/32
	KCP426ND8/16		KCP426ND8/32
			KCP432NS8/16
			KCP429NS8/16
			KCP426NS8/16
	KCP432NS8/8		KCP432NS6/8
	KCP429NS8/8		KCP429NS6/8
	KCP426NS8/8		KCP426NS6/8
	KCP426NS6/4		KCP432NS6/8
			KCP429NS6/8
			KCP426NS6/8
SODIMM	KCP432SD8/16		KCP432SD8/32
	KCP426SD8/16		KCP432SS8/16
			KCP426SD8/32
			KCP426SS8/16
	KCP432SS8/8		KCP432SS6/8
	KCP426SS8/8		KCP426SS6/8
	KCP432SS6/4		KCP432SS6/8
	KCP426SS6/4		KCP426SS6/8

16Gb COMPATIBLE CLIENT PLATFORM (OVERCLOCK)			
	8Gbit Based	Change	16Gbit Alternate
HyperX FURY DDR4 UDIMM	HX424C15FB3/16	Alternate Rank	HX424C15FB4/16
	HX424C15FB3K2/32		HX424C15FB4K2/32
	HX424C15FB3K4/64		HX424C15FB4K4/64
	HX426C16FB3/16		HX426C16FB4/16
	HX426C16FB3K2/32		HX426C16FB4K2/32
	HX426C16FB3K4/64		HX426C16FB4K4/64
	HX430C15FB3/16		HX430C16FB4/16
	HX430C15FB3K2/32		HX430C16FB4K2/32
	HX430C15FB3K4/64		HX430C16FB4K4/64
	HX432C16FB3/16		HX432C16FB4/16
	HX432C16FB3K2/32		HX432C16FB4K2/32
	HX432C16FB3K4/64		HX432C16FB4K4/64
	HX434C16FB3/16		HX434C17FB4/16
	HX434C16FB3K2/32		HX434C17FB4K2/32
	HX434C16FB3K4/64		HX434C17FB4K4/64
	HX436C17FB3/16		HX436C18FB4/16
	HX436C17FB3K2/32		HX436C18FB4K2/32
	HX436C17FB3K4/64		HX436C18FB4K4/64
HyperX Impact DDR4 SODIMM	HX424S14IB/16	Alternate Rank	HX424S15IB2/16
	HX424S14IBK2/32		HX424S15IB2K2/32
	HX424S15IBK4/64		N/A
	HX426S15IB2/16		HX426S16IB2/16
	HX426S15IB2K2/32		HX426S16IB2K2/32
	HX429S17IB/16		HX429S17IB2/16
	HX429S17IBK2/32		HX429S17IB2K2/32
	HX432S20IB/16		HX432S20IB2/16
HX432S20IBK2/32	HX432S20IB2K2/32		

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