

Intel Platform Memory Operations

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LPDDR3 System Validation Results:

Listed below are the results from a small sample of LPDDR3 Low power DRAMs tested on Intel reference mobile platforms based on 4 Gen Intel® Core™ Processor based on Mobile U-Processor Line (codename Haswell). Providing this information as a guide to component performance with Intel® reference platforms. This testing is not intended to replace the normal OEM component qualification process. For results on specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

Updated / New Part							
DRAM LPDDR3 - Low Power 1600 (Memory Down)							
DRAM							
Supplier	Part Number	Package Density	Density Die	Package	Width	Die Revision	Date Code
Elpida	EDF4432AABJ-GD-F	4Gb	4Gb	SDP	x32	A	1301
Elpida	EDF8132A1MC-GD-F	8Gb	4Gb	DDP	x32	A	1301
Elpida	EDF8132A3MA-GD-F	8Gb	4Gb	DDP	x32	C	1333
Elpida	EDFA232A1MA-GD-F	16Gb	4Gb	QDP	x32	A	1301
Elpida	EDFA232A2MA-GD-F	16Gb	4Gb	QDP	x32	C	1333
Samsung	K4E4E324EB-EGCE	4Gb	4Gb	SDP	x32	B	1337
Samsung	K4E4E324ED-EGCE	4Gb	4Gb	SDP	x32	D	1331
Samsung	K4E4E324EE-EGCE	4Gb	4Gb	SDP	x32	E	1407
Samsung	K4E8E304EB-EGCE	8Gb	4Gb	DDP	x32	B	1337
Samsung	K4E8E304ED-EGCF	8Gb	4Gb	DDP	x32	D	1331
Samsung	K4E8E304EE-EGCE	8Gb	4Gb	DDP	x32	E	1407
Samsung	K4E6E304EB-EGCE	16Gb	4Gb	QDP	x32	B	1337
Samsung	K4E6E304ED-EGCF	16Gb	4Gb	QDP	x32	D	1334
Samsung	K4E6E304EE-EGCE	16Gb	4Gb	QDP	x32	E	1407
SK Hynix	H9CCNNN8JTMLAR-NTM	8Gb	4Gb	DDP	x32	M	1239
SK Hynix	H9CCNNNBLTMLAR-NTM	16Gb*	4Gb	QDP*	x32	M	1242

* Mode Register 8 (MR8) read anomaly. Register not used by HSW ULT. Contact supplier for details
Updated on May 27, 2014

