

Intel® Itanium® Processor 9300 Series DDR3 DIMM System-level Validation Results

Listed below are the results of testing a small sample of DDR3 RDIMMs on next-generation Intel® Itanium® processor-based motherboards. We are providing this information as a guide to module compatibility with Intel® server reference platforms using Intel® Itanium® processors based on the Intel Itanium Processor 9300 Series. 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.

The table below represents the specific loading configurations by which DDR3 DIMMs were tested on Intel server reference platforms using next-generation Intel® Itanium®-based processors.

DDR3-800 RDIMM validation results

2 DPC RDIMM at 800
Mhz

Dimm Supplier DIMM Part Number	DIMM Size	Tested Speed	CL	R/C	DRAM Die	DRAM Date Code	REG Rev	Note
Elpida EBJ20RE4BAFA-AE-E	2GB	800	7	C	Elpida 1Gb, x4 J1104BASE-DJ-E	0834	Inphi GS04	DIMM Date Code 0841 1066 MHz DIMM
Elpida EBJ20RE4BAFA-AE-E	2GB	800	6	C	Elpida 1Gb, x4 J1104BASE-DJ-E	0834	Inphi GS04	DIMM Date Code 0841 1066 MHz DIMM
Elpida EBJ20RE4BAFA-DJ-E	2GB	800	7	C	Elpida 1Gb, x4 J1104BASE-DJ-E	0835	TI PG3.1	DIMM Date code 0841 1333 MHz DIMM
Elpida EBJ41HE4BAFA-DJ-E	4GB	800	6	E	Elpida 1Gb, x4 J1104BASE-DJ-E	0835	TI PG3.1	DIMM Date code 0842 1333 MHz DIMM
Hynix HMT112R7BFR8C-H9	1GB	800	6	A	Hynix 1Gb, x8 H5TQ1G83BFR- H9C	0915	IDT B	DIMM Date code 0918 1333 MHz DIMM
Hynix HMT125R7BFR4C-H9	2GB	800	6	C	Hynix 1Gb, x4 H5TQ1G43BFR- H9C	0916	TI PG3.1	DIMM Date code 0916 1333 MHz DIMM
Hynix HMT31GR7AFR4C-H9	8GB	800	6	E	Hynix 2Gb, x4 H5TQ2G43AFR- H9C	0921	TI PG3.1	DIMM Date code 0922 1333 MHz DIMM
Hynix HMT42GR7AMR4C-G7	16GB	800	7	AB	Hynix 2Gb, x4 H5TQ4G43AMR- G7c	0921	TI PG3.1	DIMM Date code 0922 1066 MHz DIMM
Hynix HMT151R7AFP8C-G7	4GB	800	6	H	Hynix 1Gb, x8 H5TQ1G83AFP- G7C	0920	TI PG3.1	DIMM Date code 0920 1066 MHz DIMM
Hynix HMT151R7BFR8C-H9	4GB	800	6	H	Hynix 1Gb, x8 H5TQ1G83BFR- H9C	0915	TI PG3.1	DIMM Date code 0918 1333 MHz DIMM
Micron MT9JSF12872PZ-1G4F1	1GB	800	6	A	Micron 1Gb, x8 9IF27D9KPT	0918	IDT B	DIMM Date code 0921 1333 MHz DIMM
Micron MT36JSZF51272PY-1G4D	4GB	800	6	J	Micron 1Gb, x4 9GF22D9KPX	0914	Inphi GS04	DIMM Date code 0920 1333 MHz DIMM
Micron MT36JSZF51272PZ-1G4F	4GB	800	6	J	Micron 1Gb, x4 9GF22D9KPX	0914	Inphi GS04	DIMM Date code 0920 1333 MHz DIMM

Samsung M393B2873DZ1-CF8	1GB	800	6	A	Samsung 1Gb, x8 K4B1G0846D-HCF8	0828	Inphi GS04	DIMM Date code 0829 1066 MHz DIMM
Samsung M393B2873EH1-CH9	1GB	800	6	A	Samsung 1Gb, x8 K4B1G0846E-HCH9	0913	Inphi GS04	DIMM Date code 0914 1333 MHz DIMM
Samsung M393B5673DZ1-CF8	2GB	800	6	B	Samsung 1Gb, x8 K4B1G0846D-HCF8	0843	Inphi GS04	DIMM Date code 0845 1066 MHz DIMM
Samsung M393B5670DZ1-CF8	2GB	800	6	C	Samsung 1Gb, x4 K4B1G0446D-HCF8	0837	Inphi GS04	DIMM Date code 0839 1066 MHz DIMM
Samsung M393B5670EH1-CH9	2GB	800	6	C	Samsung 1Gb, x4 K4B1G0446E-HCF9	0919	IDT B	DIMM Date code 0920 1333 MHz DIMM
Samsung M393B1K70BH1-CH9	8GB	800	6	E	Samsung 2Gb, x4 K4B2G0446B-HCH9	0849	IDT B	DIMM Date code 0852 1333 MHz DIMM
Samsung M393B5170DZ1-CF8	4GB	800	6	E	Samsung 1Gb, x4 K4B1G0446D-HCF8	0831	Inphi GS04	DIMM Date code 0831 1066 MHz DIMM
Samsung M393B5170DZ1-CH9	4GB	800	6	E	Samsung 1Gb, x4 K4B1G0446D-HCH9	0828	Inphi GS04	DIMM Date code 0829 1333 MHz DIMM
Samsung M393B5170DZ1-YH9	4GB	800	6	E	Samsung 1Gb, x4 K4B1G0446D-HYH9	0834	Inphi GS04	DIMM Date code 0836 1333 MHz DIMM
Samsung M393B5170EH1-CH9	4GB	800	6	E	Samsung 1Gb, x4 K4B1G0446E-HCF9	0852	IDT B	DIMM Date code 0853 1333 MHz DIMM
Samsung M393B1G70DJ1-CF8	8GB	800	6	F	Samsung 1Gb, x4 K4B2G0446D-MCF8	0843	Inphi GS04	DIMM Date code 0846 1066 MHz DIMM
Samsung M393B2K70BM1-CF8	16G	800	7	F	Samsung 2Gb, x4 K4B4G0446G-MCF8	0901	Inphi GS04	DIMM Date code 0904 1066 MHz DIMM
Samsung M393B1K73BH1-CF8	8GB	800	6	H	Samsung 2Gb, x8 K4B2G0846B-HCF8	0901	IDT B	DIMM Date code 0903 1066 MHz DIMM
Samsung M393B5173DZ1-CF8	4GB	800	6	H	Samsung 1Gb, x8 K4B1G0846D-HCF8	0834	Inphi GS04	DIMM Date code 0837 1066 MHz DIMM
Samsung M393B5173EH1-CF8	4GB	800	6	H	Samsung 1Gb, x8 K4B1G0846E-HCH8	0925	IDT B	DIMM Date code 0929 1066 MHz DIMM
Samsung M393B1G70EM1-CF8	8GB	800	6	F	Samsung 1Gb, x4 K4B2G0446E-MCF8	0901	Inphi GS04	DIMM Date code 0902
Hynix HMT151R7BFR8A-G7	4GB	800	6	H	Hynix 1Gb, x8 H5TC1G83BFR-G7	0921	IDT B	DIMM Date code 0922