DuraMemory™

DDR5 Value Memory

SMART's DuraMemory offers a wide lineup of DDR5 Value Memory which are cost effective Tier 1 ODM JEDEC standard modules. SMART leverages its purchasing power and valued supplier relationships to directly procure mainstream modules.

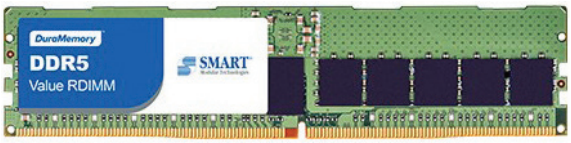
Value Memory module types, densities, and speed grades are the most commonly used modules for high performance computing, data centers, networking, storage, and embedded computing applications. Value Memory is fully supported by SMART, similar to its standard OEM modules.

Features & Benefits

- Savings Passed on to Customer by Leveraging SMART Buying Power FA Process Support
- Warranty Support
- Locked BOM Part Numbers
- Early PCNs with Multi-Sourced Replacement Options
- Inventory Positioning and Flexibility
- Lower Excess Material Cost and Risk
- Supply Chain Visibility and Operational Control

Additional Services

- Full Support from SMART as Your DRAM Supplier
- Cost Effective and Economic Solutions
- Quick Turnarounds on Time-Sensitive Jobs
- SMTL Test Reports (per Customer Request)
- Labeled with Original ODM and SMART Labels



Applications

- HPC
- Data Center Networking
- Storage
- Embedded Computing

DDR5 Value Memory Modules Ordering Information

288-PIN - DDR5 Value RDIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature*
SRBG8RD544H-SB	256GB	31.25	32Gb x80	16Gx4	5600MT/s	1.1V	0°C to +70°C
SRAG8RD5848-MB	128GB	31.25	16Gb x80	8Gx4	5600MT/s	1.1V	0°C to +70°C
STAG8RD544H-HA	128GB	31.25	16Gb x80	8Gx4	5600MT/s	1.1V	0°C to +70°C
SRAG8RD5846-SB	128GB	31.25	16Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SRHG8RD5648-SP	96GB	31.25	12Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SRHG8RD5648-MD	96GB	31.25	12Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
STHG8RD5648-HM	96GB	31.25	12Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SRHG8RD5645-SB	96GB	31.25	12Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
SRHG8RD5645-MD	96GB	31.25	12Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
STHG8RD5645-HM	96GB	31.25	12Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
SR8G8RD5448-SP	64GB	31.25	8Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR8G8RD5448-MD	64GB	31.25	8Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
ST8G8RD5448-HA	64GB	31.25	8Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR8G8RD5445-SB	64GB	31.25	8Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
ST8G8RD5445-HA	64GB	31.25	8Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SR6G8RD5648-SP	48GB	31.25	6Gb x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SR6G8RD5645-SB	48GB	31.25	4Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
ST6G8RD5645-HM	48GB	31.25	6Gb x80	6Gx4	4800MT/s	1.1V	0°C to +70°C
SR6G8RD5385-SB	48GB	31.25	6Gb x80	3Gx8	4800MT/s	1.1V	0°C to +70°C
ST4G8RD5448-HA	32GB	31.25	4Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR4G8RD5448-SP	32GB	31.25	4Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR4G8RD5448-MD	32GB	31.25	4Gb x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SR4G8RD5288-SP	32GB	31.25	4Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
ST4G8RD5288-HA	32GB	31.25	4Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G8RD5445-SB	32GB	31.25	4Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SR4G8RD5285-SB	32GB	31.25	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR3G8RD5388-SP	24GB	31.25	3Gb x80	3Gx8	5600MT/s	1.1V	0°C to +70°C
SR3G8RD5385-SB	24GB	31.25	3Gb x80	3Gx8	4800MT/s	1.1V	0°C to +70°C
ST3G8RD5385-HM	24GB	31.25	3Gb x80	3Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G8RD5288-SP	16GB	31.25	2Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G8RD5288-MD	16GB	31.25	2Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
ST2G8RD5288-HA	16GB	31.25	2Gb x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G8RD5285-SB	16GB	31.25	2Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
262-PIN - DDR5 Value Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature*
SR4G6SO5288-SP	32GB	30.00	4Gb x64	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G6SO5285-SB	32GB	30.00	4Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G6SO5288-SP	16GB	30.00	2Gb x64	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G6SO5285-SB	16GB	30.00	2Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR1G6SO5168-SP	8GB	30.00	1Gb x64	1Gx16	5600MT/s	1.1V	0°C to +70°C
SR1G6SO5165-SB	8GB	30.00	1Gb x64	1Gx16	4800MT/s	1.1V	0°C to +70°C
262-PIN - DDR5 Value ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature*
SR4G7SO5288-SP	32GB	30.00	4Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G7SO5285-SB	32GB	30.00	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G7SO5288-SP	16GB	30.00	2Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G7SO5285-SB	16GB	30.00	2Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C

* Reflects Operating Ambient Temperature

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DDR5 Value Memory Modules Ordering Information

288-PIN - DDR5 Value Non-ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature*
SR4G6UD5285-SB	32GB	31.25	4Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G6UD5285-SB	16GB	31.25	2Gb x64	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR1G6UD5165-SB	8GB	31.25	1Gb x64	1Gx16	4800MT/s	1.1V	0°C to +70°C
288-PIN - DDR5 Value ECC UDIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature*
SR4G7UD5288-SP	32GB	31.25	4Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR4G7UD5288-SD	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G7UD5285-SB	32GB	31.25	4Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR2G7UD5288-SP	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G7UD5288-SD	16GB	31.25	2Gb x72	2Gx8	5600MT/s	1.1V	0°C to +70°C
SR2G7UD5285-SB	16GB	31.25	2Gb x72	2Gx8	4800MT/s	1.1V	0°C to +70°C

* Reflects Operating Ambient Temperature

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For more information, please visit: **www.smartm.com**

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