SMART ®
Modular Technologies
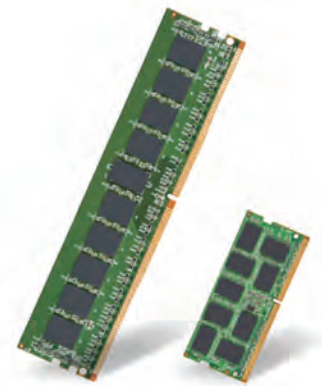
Enterprise Memory

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Enterprise Memory is a DRAM memory module that has undergone a rigorous and comprehensive system burn-in testing process. Multiple stresses are applied to simulate a customers' worst-case environmental and electrical conditions. Any weak DRAMs are removed from the modules or entire modules are not sent into the field. Enterprise Memory is ideal for mission-critical applications where DRAM failures cannot be tolerated or are very expensive to have replaced. SMART Modular's unique and proven screening process uses custom-built test equipment and software results in only the highest quality, most reliable memory modules shipping to customers.

SMART Modular's Enterprise Memory helps lower OEM costs for servicing and minimizing warranty overhead and helps to maintain customers' reputation for providing highly reliable computing equipment.

Features & Benefits

- Highly reliable Enterprise Grade Memory
- Proven long-term reliability
- Comprehensive & robust memory burn-in process
- Industry leading, ultra-low ~200 DPPM
- Helps improve OEM's product reputation for high reliability
- Helps lower OEM costs due to:
  - Reduced service costs
  - Minimized warranty and spares overhead

Applications

- Any mission-critical networking and computing equipment
- Enterprise data centers
- Enterprise networking
- High performance computing

DDR5 Ordering Information

288-PIN - DDR5 RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STZ8G8RD5445-HA	64GB	31.25	8Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
STZ8G8RD5445-MA	64GB	31.25	8Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SRB8G8RD5445-SB	64GB	31.25	8Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SRZ4G8RD5445-SB	32GB	31.25	4Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SRB4G8RD5445-SB	32GB	31.25	4Gb x80	4Gx4	4800MT/s	1.1V	0°C to +70°C
SRZ2G8RD5285-SB	16GB	31.25	2Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C

DDR4 Ordering Information

288-PIN - DDR4 RDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
ST8197RD440425-HC	64GB	30.75	8Gb x72	4Gx4	3200MT/s	1.2V	0°C to +70°C
STB4097RD420425-MR	32GB	31.25	4Gb x72	2Gx4	3200MT/s	1.2V	0°C to +70°C
STB4097RD420425-SE	32GB	31.25	4Gb x72	2Gx4	3200MT/s	1.2V	0°C to +70°C
SRZ2047RD410825-SE	16GB	31.25	2Gb x72	1Gx8	3200MT/s	1.2V	0°C to +70°C
STB2047RD420425-SE	16GB	31.25	2Gb x72	2Gx4	3200MT/s	1.2V	-25°C to +85°C
260-PIN - DDR4 ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STB4097SO420825SC	32GB	30.00	4Gb x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
260-PIN - DDR4 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Device Config	Speed	Voltage	Temp
STB5126SO451893SF	4GB	30.00	512Mb x64	512Mx8	2666MT/s	1.2V	-25°C to +85°C

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

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