



DuraMemoryTM

DDR5 VLP RDIMM

SMART Modular Technologies' DDR5 VLP RDIMM. The 32GB VLP RDIMM is targeted for embedded 1U blade compute and storage applications, enterprise networking and telecom applications, and industrial single board computers (SBCs). Its main attributes are VLP height, high density for a VLP module, and high DDR5-4800 performance.

SMART's DuraMemory DDR5 32GB VLP RDIMM is the industry's first DDR5 VLP RDIMM form factor. For ruggedized and harsh operating conditions, SMART offers retention clips to secure the socket latches in place and industrial grade temperature operation (-40°C to +85°C).

The 32GB VLP RDIMM is the newest product added to SMART's wide portfolio of VLP and ULP (Ultra Low Profile) modules that target all type of very dense computing, storage, networking and telecom applications.



Applications

- Networking and Telecom
- Industrial, Computing, and Storage
- ATCA Blades

Features & Benefits

- VLP RDIMM height of 18.75mm allows for vertical DIMM placement in 1U blades to save board space
- High density – can achieve up to 384GB in 1U compute and storage blade systems with 12 DIMM sockets
- High performance DDR5-4800 operation

Ordering Information

288-PIN - DDR5 RDIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature
SR4G8RD5285MA	32GB	31.25	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G8RD5285SB	32GB	31.25	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C

288-PIN - DDR5 VLP RDIMM							
SMART Part Number	Density	Height (mm)	Module Config.	Device Type	Speed	Voltage	Temperature
SR4G8RD5285SBV	32GB	18.75	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G8RD5285HAV	32GB	18.75	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C
SR4G8RD5285MAV	32GB	18.75	4Gb x80	2Gx8	4800MT/s	1.1V	0°C to +70°C



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

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