

VULCAN DDR5

Gaming Desktop Memory



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The VULCAN DDR5 is molded from a single block of aluminum alloy through stamping and the top structure is fixed with a snap fastener. TEAMGROUP uses a professional-grade thermal conducting silicon to reinforce adhesion between the cooling fin and memory. In addition, the VULCAN DDR5 supports the latest Intel XMP3.0 and one-click overclocking technology to ensure stable, efficient use of power and that system stability is not compromised for performance.

Main Feature

- Sleek Design
- Reinforced Structure for Better Cooling
- Supports Intel XMP3.0 for One-Click Overclocking
- Power Management ICs (PMICs) Equipped for Stable, Efficient Power Usage
- Strengthened PMIC Cooling Design
- On-die ECC for Stable Systems
- High-Quality ICs Selected for Stability & Reliability



Specification

Module Type	DDR5 288 Pin Non-ECC Unbuffered DIMM								
Frequency	7000	6400	6400	6400	6400	6000	6000	6000	6000
Capacity	16GB 2x16GB	16GB 2x16GB	16GB 2x16GB	32GB 2x32GB	8GB 16GB 2x8GB 2x16GB	16GB 2x16GB	16GB 2x16GB	32GB 2x32GB	8GB 16GB 2x8GB 2x16GB
Latency	32-42-42-84	30-38-38-84	32-39-39-84	34-44-44-84	40-40-40-84	28-36-36-76	30-36-36-76	34-44-44-84	38-38-38-78
Data Transfer Bandwidth	56,000 MB/s (PC5-56000)	51,200 MB/s (PC5-51200)	51,200 MB/s (PC5-51200)	51,200 MB/s (PC5-51200)	51,200 MB/s (PC5-51200)	48,000 MB/s (PC5-48000)	48,000 MB/s (PC5-48000)	48,000 MB/s (PC5-48000)	48,000 MB/s (PC5-48000)
Voltage	1.4V	1.35V	1.35V	1.35V	1.35V	1.4V	1.35V	1.35V	1.25V
Compatibility	Intel: 600 series, 700 series								
Dimensions	32.7(H) x 140(L) x 7.5(W)mm								
Heat Sink	Aluminum heat-sink								
Profile	6200 MHz ↑ Intel XMP 3.0 6000 MHz ↓ Intel XMP 3.0 / AMD EXPO								
Warranty	Lifetime warranty								

Specification

Module Type	DDR5 288 Pin Non-ECC Unbuffered DIMM						
Frequency	6000	5600	5600	5600	5600	5200	5200
Capacity	32GB 2x32GB	16GB 2x16GB	16GB 2x16GB	32GB 2x32GB	8GB 16GB 32GB 2x8GB 2x16GB 2x32GB	16GB 2x16GB	8GB 16GB 32GB 2x8GB 2x16GB 2x32GB
Latency	38-38-38-78	32-36-36-76	36-36-36-76	36-36-36-76	40-40-40-84	38-38-38-84	40-40-40-76
Data Transfer Bandwidth	48,000 MB/s (PC5-48000)	44,800 MB/s (PC5 44800)	44,800 MB/s (PC5 44800)	44,800 MB/s (PC5 44800)	44,800 MB/s (PC5 44800)	41,600 MB/s (PC5 41600)	41,600 MB/s (PC5 41600)
Voltage	1.35V	1.2 V	1.2 V	1.3V	1.2 V	1.2 V	1.25 V
Compatibility	Intel: 600 series, 700 series						
Dimensions	32.7(H) x 140(L) x 7.5(W)mm						
Heat Sink	Aluminum heat-sink						
Profile	6200 MHz ↑ Intel XMP 3.0 6000 MHz ↓ Intel XMP 3.0 / AMD EXPO						
Warranty	Lifetime warranty						

- ※ The frequency and stability of the overclocking memory when automatic reading of the overclocking value (XMP or D.O.C.P) is turned on will vary depending on the difference between the motherboard and CPU. Check "Product Compatibility Inquiry" before purchase for further info <https://www.teamgroupinc.com/en/support/compatibility.php>
- ※ We reserve the right to modify product specifications without prior notice.
- ※ Before purchasing memory products, please refer to the QVL(Qualified Vendor List) compatibility list first of the motherboard.
- ※ The quality of the CPU memory controller (IMC) and the version from the BIOS of motherboard may both potentially affect the operating frequency of the memory.

Ordering Information

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
BLACK	DDR5-5200 (PC5-41600)	CL38-38-38-84 1.2V	16GB	x8	FLBD516G5200HC3801
		CL40-40-40-76 1.25V	8GB	x16	FLBD58G5200HC40C016
			8GB	x8	FLBD58G5200HC40C01
			16GB	x8	FLBD516G5200HC40C01
			32GB	x8	FLBD532G5200HC40C01
	DDR5-5600 (PC5-44800)	CL32-36-36-76 1.2V	16GB	x8	FLBD516G5600HC3201
		CL36-36-36-76 1.2V	16GB	x8	FLBD516G5600HC36B01
		CL36-36-36-76 1.3V	32GB	x8	FLBD532G5600HC36B01
		CL40-40-40-84 1.2V	8GB	x8	FLBD58G5600HC40B01
			16GB	x8	FLBD516G5600HC40B01
			32GB	x8	FLBD532G5600HC40B01
	DDR5-6000 (PC5-48000)	CL28-36-36-76 1.4V	16GB	x8	FLBD516G6000HC28A01
		CL30-36-36-76 1.35V	16GB	x8	FLBD516G6000HC3001
		CL34-44-44-84 1.35V	32GB	x8	FLBD532G6000HC34B01
		CL38-38-38-78 1.25V	8GB	x8	FLBD58G6000HC38A01
			16GB	x8	FLBD516G6000HC38A01
		CL38-38-38-78 1.35V	32GB	x8	FLBD532G6000HC38A01
	DDR5-6400 (PC5-51200)	CL30-38-38-84 1.35V	16GB	x8	FLBD516G6400HC30A01
		CL32-39-39-84 1.35V	16GB	x8	FLBD516G6400HC32A01
		CL34-44-44-84 1.35V	32GB	x8	FLBD532G6400HC34B01
		CL40-40-40-84 1.35V	8GB	x8	FLBD58G6400HC40B01
			16GB	x8	FLBD516G6400HC40B01
	DDR5-7000 (PC5-56000)	CL32-42-42-84 1.4V	16GB	x8	FLBD516G7000HC32C01

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
RED	DDR5-5200 (PC5-41600)	CL38-38-38-84 1.2V	16GB	x8	FLRD516G5200HC3801
		CL40-40-40-76 1.25V	8GB	x16	FLRD58G5200HC40C016
			8GB	x8	FLRD58G5200HC40C01
			16GB	x8	FLRD516G5200HC40C01
			32GB	x8	FLRD532G5200HC40C01
	DDR5-5600 (PC5-44800)	CL32-36-36-76 1.2V	16GB	x8	FLRD516G5600HC3201
		CL36-36-36-76 1.2V	16GB	x8	FLRD516G5600HC36B01
		CL36-36-36-76 1.3V	32GB	x8	FLRD532G5600HC36B01
		CL40-40-40-84 1.2V	8GB	x8	FLRD58G5600HC40B01
			16GB	x8	FLRD516G5600HC40B01
			32GB	x8	FLRD532G5600HC40B01
	DDR5-6000 (PC5-48000)	CL28-36-36-76 1.4V	16GB	x8	FLRD516G6000HC28A01
		CL30-36-36-76 1.35V	16GB	x8	FLRD516G6000HC3001
		CL34-44-44-84 1.35V	32GB	x8	FLRD532G6000HC34B01
		CL38-38-38-78 1.25V	8GB	x8	FLRD58G6000HC38A01
			16GB	x8	FLRD516G6000HC38A01
		CL38-38-38-78 1.35V	32GB	x8	FLRD532G6000HC38A01
	DDR5-6400 (PC5-51200)	CL30-38-38-84 1.35V	16GB	x8	FLRD516G6400HC30A01
		CL32-39-39-84 1.35V	16GB	x8	FLRD516G6400HC32A01
		CL34-44-44-84 1.35V	32GB	x8	FLRD532G6400HC34B01
		CL40-40-40-84 1.35V	8GB	x8	FLRD58G6400HC40B01
			16GB	x8	FLRD516G6400HC40B01
	DDR5-7000 (PC5-56000)	CL32-42-42-84 1.4V	16GB	x8	FLRD516G7000HC32C01

Ordering Information

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
BLACK	DDR5-5200 (PC5-41600)	CL38-38-38-84 1.2V	2x16GB	x8	FLBD532G5200HC38DC01
		CL40-40-40-76 1.25V	2x8GB	x16	FLBD516G5200HC40CDC016
			2x8GB	x8	FLBD516G5200HC40CDC01
			2x16GB	x8	FLBD532G5200HC40CDC01
			2x32GB	x8	FLBD564G5200HC40CDC01
	DDR5-5600 (PC5-44800)	CL32-36-36-76 1.2V	2x16GB	x8	FLBD532G5600HC32DC01
		CL36-36-36-76 1.2V	2x16GB	x8	FLBD532G5600HC36BDC01
		CL36-36-36-76 1.3V	2x32GB	x8	FLBD564G5600HC36BDC01
		CL40-40-40-84 1.2V	2x8GB	x8	FLBD516G5600HC40BDC01
			2x16GB	x8	FLBD532G5600HC40BDC01
			2x32GB	x8	FLBD564G5600HC40BDC01
	DDR5-6000 (PC5-48000)	CL28-36-36-76 1.4V	2x16GB	x8	FLBD532G6000HC28ADC01
		CL30-36-36-76 1.35V	2x16GB	x8	FLBD532G6000HC30DC01
		CL34-44-44-84 1.35V	2x32GB	x8	FLBD564G6000HC34BDC01
		CL38-38-38-78 1.25V	2x8GB	x8	FLBD516G6000HC38ADC01
			2x16GB	x8	FLBD532G6000HC38ADC01
		CL38-38-38-78 1.35V	2x32GB	x8	FLBD564G6000HC38ADC01
	DDR5-6400 (PC5-51200)	CL30-38-38-84 1.35V	2x16GB	x8	FLBD532G6400HC30ADC01
		CL32-39-39-84 1.35V	2x16GB	x8	FLBD532G6400HC32ADC01
		CL34-44-44-84 1.35V	2x32GB	x8	FLBD564G6400HC34BDC01
		CL40-40-40-84 1.35V	2x8GB	x8	FLBD516G6400HC40BDC01
			2x16GB	x8	FLBD532G6400HC40BDC01
	DDR5-7000 (PC5-56000)	CL32-42-42-84 1.4V	2x16GB	x8	FLBD532G7000HC32CDC01

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
RED	DDR5-5200 (PC5-41600)	CL38-38-38-84 1.2V	2x16GB	x8	FLRD532G5200HC38DC01
		CL40-40-40-76 1.25V	2x8GB	x16	FLRD516G5200HC40CDC016
			2x8GB	x8	FLRD516G5200HC40CDC01
			2x16GB	x8	FLRD532G5200HC40CDC01
			2x32GB	x8	FLRD564G5200HC40CDC01
	DDR5-5600 (PC5-44800)	CL32-36-36-76 1.2V	2x16GB	x8	FLRD532G5600HC32DC01
		CL36-36-36-76 1.2V	2x16GB	x8	FLRD532G5600HC36BDC01
		CL36-36-36-76 1.3V	2x32GB	x8	FLRD564G5600HC36BDC01
		CL40-40-40-84 1.2V	2x8GB	x8	FLRD516G5600HC40BDC01
			2x16GB	x8	FLRD532G5600HC40BDC01
			2x32GB	x8	FLRD564G5600HC40BDC01
	DDR5-6000 (PC5-48000)	CL28-36-36-76 1.4V	2x16GB	x8	FLRD532G6000HC28ADC01
		CL30-36-36-76 1.35V	2x16GB	x8	FLRD532G6000HC30DC01
		CL34-44-44-84 1.35V	2x32GB	x8	FLRD564G6000HC34BDC01
		CL38-38-38-78 1.25V	2x8GB	x8	FLRD516G6000HC38ADC01
			2x16GB	x8	FLRD532G6000HC38ADC01
		CL38-38-38-78 1.35V	2x32GB	x8	FLRD564G6000HC38ADC01
	DDR5-6400 (PC5-51200)	CL30-38-38-84 1.35V	2x16GB	x8	FLRD532G6400HC30ADC01
		CL32-39-39-84 1.35V	2x16GB	x8	FLRD532G6400HC32ADC01
		CL34-44-44-84 1.35V	2x32GB	x8	FLRD564G6400HC34BDC01
		CL40-40-40-84 1.35V	2x8GB	x8	FLRD516G6400HC40BDC01
			2x16GB	x8	FLRD532G6400HC40BDC01
	DDR5-7000 (PC5-56000)	CL32-42-42-84 1.4V	2x16GB	x8	FLRD532G7000HC32CDC01