



VULCAN Z DDR4

VULCAN Z

T-FORCE VULCAN Z DDR4 gaming memory has been tested rigorously by the T-FORCE laboratory.

Every overclocking memory is tested for complete compatibility and stability. This offers gamers a DDR4 memory with excellent quality, optimal performance, stability and compatibility. Gamers are able to fully enjoy the finest and smoothest gaming experience and an extreme high speed performance without any lag.

Main Feature

- Simple design to perfectly protect the cooling module
- High thermal conductive adhesive
- Supports Intel & AMD motherboards
- Selected high-quality IC
- Supports XMP2.0
- Energy saving with ultra-low working voltage



Specification

Module Type	DDR4 288 Pin Non-ECC Unbuffered DIMM								
Frequency	2666	3000	3000	3200	3200	3600	3600	3600	
Latency	CL18-18-18-43	CL16-18-18-38	CL16-20-20-40	CL16-18-18-38	CL16-20-20-40	CL14-15-15-35	CL18-22-22-42	CL20-24-24-46	
Capacity	4GB	4GB	8GB	4GB	8GB	8GBx2	8GB	8GB	
	8GB	8GB	16GB	8GB	16GB	16GBx2	16GB	8GBx2	
	16GB	16GB	32GB	16GB	32GB		32GB		
	32GB	32GB	8GBx2	32GB	8GBx2		8GBx2		
	4GBx2	4GBx2	16GBx2	4GBx2	16GBx2		16GBx2		
	8GBx2	8GBx2	32GBx2	8GBx2	32GBx2		32GBx2		
	16GBx2	16GBx2		16GBx2					
	32GBx2	32GBx2		32GBx2					
Data Transfer Bandwidth	21,300 MB/s (PC421300)	24,000 MB/s (PC424000)	24,000 MB/s (PC424000)	25,600 MB/s (PC425600)	25,600 MB/s (PC425600)	28,800 MB/s (PC428800)	28,800 MB/s (PC428800)	28,800 MB/s (PC428800)	
Voltage	1.2V	1.35V	1.35V	1.35V	1.35V	1.45V	1.35V	1.35V	
Dimensions	32(H) x 140(L) x 7(W)mm								
Heat Spreader	Aluminum heat spreader								
Warranty	Lifetime warranty								

※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.

Specification

Module Type	DDR4 288 Pin Non-ECC Unbuffered DIMM		
Frequency	4000	4000	4000
Latency	CL18-22-22-42	CL18-24-24-46	CL20-26-26-46
Capacity	8GBx2	16GBx2	8GB 8GBx2
Data Transfer Bandwidth	32,000 MB/s (PC4 32000)	32,000 MB/s (PC4 32000)	32,000 MB/s (PC4 32000)
Voltage	1.35V	1.4V	1.4V
Dimensions	32(H)x140(L)x7(W)mm		
Heat Spreader	Aluminum heat spreader		
Warranty	Lifetime warranty		

Ordering Information

Color	Frequency	CAS Latency/Voltage	Capacity	Team P/N	
RED	DDR4-2666(PC4-21300)	CL18-18-18-43 1.2V	4GB	TLZRD44G2666HC18H01	
			8GB	TLZRD48G2666HC18H01	
			16GB	TLZRD416G2666HC18H01	
			32GB	TLZRD432G2666HC18H01	
	DDR4-3000(PC4-24000)	CL16-18-18-38 1.35V	4GB	TLZRD44G3000HC16C01	
			8GB	TLZRD48G3000HC16C01	
			16GB	TLZRD416G3000HC16C01	
			32GB	TLZRD432G3000HC16C01	
		CL16-20-20-40 1.35V	8GB	TLZRD48G3000HC16F01	
			16GB	TLZRD416G3000HC16F01	
			32GB	TLZRD432G3000HC16F01	
			DDR4-3200(PC4-25600)	CL16-18-18-38 1.35V	4GB
	8GB	TLZRD48G3200HC16C01			
	16GB	TLZRD416G3200HC16C01			
	CL16-20-20-40 1.35V	32GB		TLZRD432G3200HC16C01	
		8GB		TLZRD48G3200HC16F01	
		16GB		TLZRD416G3200HC16F01	
	DDR4-3600(PC4-28800)	CL18-22-22-42 1.35V	32GB	TLZRD432G3600HC18J01	
			8GB	TLZRD48G3600HC18J01	
			16GB	TLZRD416G3600HC18J01	
CL20-24-24-46 1.35V		8GB	TLZRD48G3600HC20D01		
		DDR4-4000(PC4-32000)	CL20-26-26-46 1.4V	8GB	TLZRD48G4000HC20C01

Ordering Information

Color	Frequency	CAS Latency/Voltage	Capacity	Team P/N
GRAY	DDR4-2666(PC4-21300)	CL18-18-18-43 1.2V	4GB	TLZGD44G2666HC18H01
			8GB	TLZGD48G2666HC18H01
			16GB	TLZGD416G2666HC18H01
			32GB	TLZGD432G2666HC18H01
	DDR4-3000(PC4-24000)	CL16-18-18-38 1.35V	4GB	TLZGD44G3000HC16C01
			8GB	TLZGD48G3000HC16C01
			16GB	TLZGD416G3000HC16C01
			32GB	TLZGD432G3000HC16C01
		CL16-20-20-40 1.35V	8GB	TLZGD48G3000HC16F01
			16GB	TLZGD416G3000HC16F01
			32GB	TLZGD432G3000HC16F01
			4GB	TLZGD44G3200HC16C01
	DDR4-3200(PC4-25600)	CL16-18-18-38 1.35V	8GB	TLZGD48G3200HC16C01
			16GB	TLZGD416G3200HC16C01
			32GB	TLZGD432G3200HC16C01
			8GB	TLZGD48G3200HC16F01
		CL16-20-20-40 1.35V	16GB	TLZGD416G3200HC16F01
			32GB	TLZGD432G3200HC16F01
			8GB	TLZGD48G3600HC18J01
			DDR4-3600(PC4-28800)	CL18-22-22-42 1.35V
32GB	TLZGD432G3600HC18J01			
CL20-24-24-46 1.35V	8GB	TLZGD48G3600HC20D01		
DDR4-4000(PC4-32000)	CL20-26-26-46 1.4V	8GB	TLZGD48G4000HC20C01	

Ordering Information

Color	Frequency	CAS Latency/Voltage	Capacity	Team P/N
RED	DDR4-2666(PC4-21300)	CL18-18-18-43 1.2V	4GBX2	TLZRD48G2666HC18HDC01
			8GBX2	TLZRD416G2666HC18HDC01
			16GBX2	TLZRD432G2666HC18HDC01
			32GBX2	TLZRD464G2666HC18HDC01
	DDR4-3000(PC4-24000)	CL16-18-18-38 1.35V	4GBX2	TLZRD48G3000HC16CDC01
			8GBX2	TLZRD416G3000HC16CDC01
			16GBX2	TLZRD432G3000HC16CDC01
			32GBX2	TLZRD464G3000HC16CDC01
		CL16-20-20-40 1.35V	8GBx2	TLZRD416G3000HC16FDC01
			16GBx2	TLZRD432G3000HC16FDC01
			32GBx2	TLZRD464G3000HC16FDC01
			4GBX2	TLZRD48G3200HC16CDC01
	DDR4-3200(PC4-25600)	CL16-18-18-38 1.35V	8GBX2	TLZRD416G3200HC16CDC01
			16GBX2	TLZRD432G3200HC16CDC01
			32GBX2	TLZRD464G3200HC16CDC01
			8GBX2	TLZRD416G3200HC16FDC01
		CL16-20-20-40 1.35V	16GBX2	TLZRD432G3200HC16FDC01
			32GBX2	TLZRD464G3200HC16FDC01
			8GBx2	TLZRD416G3600HC14CDC01
			16GBx2	TLZRD432G3600HC14CDC01
	DDR4-3600(PC4-28800)	CL18-22-22-42 1.35V	8GBX2	TLZRD416G3600HC18JDC01
			16GBX2	TLZRD432G3600HC18JDC01
			32GBX2	TLZRD464G3600HC18JDC01
		CL20-24-24-46 1.35V	8GBx2	TLZRD416G3600HC20DDC01
DDR4-4000(PC4-32000)		CL18-22-22-42 1.35V	8GBx2	TLZRD416G4000HC18JDC01
		CL18-24-24-46 1.4V	16GBx2	TLZRD432G4000HC18LDC01
		CL20-26-26-46 1.4V	8GBx2	TLZRD416G4000HC20CDC01

Ordering Information

Color	Frequency	CAS Latency/	Capacity	Team P/N
GRAY	DDR4-2666(PC4-21300)	CL18-18-18-43 1.2V	4GBX2	TLZGD48G2666HC18HDC01
			8GBX2	TLZGD416G2666HC18HDC01
			16GBX2	TLZGD432G2666HC18HDC01
			32GBX2	TLZGD464G2666HC18HDC01
	DDR4-3000(PC4-24000)	CL16-18-18-38 1.35V	4GBX2	TLZGD48G3000HC16CDC01
			8GBX2	TLZGD416G3000HC16CDC01
			16GBX2	TLZGD432G3000HC16CDC01
			32GBX2	TLZGD464G3000HC16CDC01
		CL16-20-20-40 1.35V	8GBx2	TLZGD416G3000HC16FDC01
			16GBx2	TLZGD432G3000HC16FDC01
			32GBx2	TLZGD464G3000HC16FDC01
			DDR4-3200(PC4-25600)	CL16-18-18-38 1.35V
	8GBX2	TLZGD416G3200HC16CDC01		
	16GBX2	TLZGD432G3200HC16CDC01		
	32GBX2	TLZGD464G3200HC16CDC01		
	CL16-20-20-40 1.35V	8GBX2		TLZGD416G3200HC16FDC01
		16GBX2		TLZGD432G3200HC16FDC01
		32GBX2		TLZGD464G3200HC16FDC01
		DDR4-3600(PC4-28800)		CL14-15-15-35 1.45V
	16GBx2		TLZGD432G3600HC14CDC01	
	CL18-22-22-42 1.35V		8GBX2	TLZGD416G3600HC18JDC01
			16GBX2	TLZGD432G3600HC18JDC01
			32GBX2	TLZGD464G3600HC18JDC01
	CL20-24-24-46 1.35V		8GBx2	TLZGD416G3600HC20DDC01
DDR4-4000(PC4-32000)	CL18-22-22-42 1.35V		8GBx2	TLZGD416G4000HC18JDC01
	CL18-24-24-46 1.4V		16GBx2	TLZGD432G4000HC18LDC01
	CL20-26-26-46 1.4V	8GBx2	TLZGD416G4000HC20CDC01	