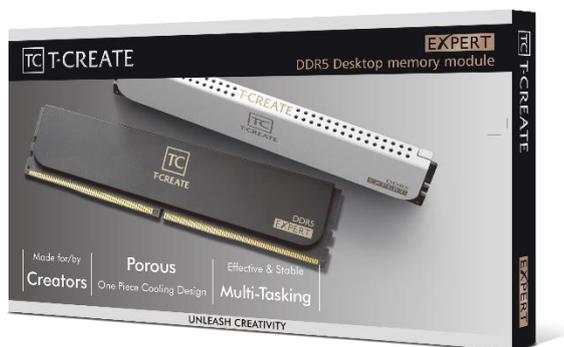## EXPERT / DDR5 Desktop Memory

The T-CREATE EXPERT DDR5 Memory is equipped with a professional cooling design to manage the heat generated by its ultra-powerful performance. Large capacities and faster processing speeds enable creators to multitask. The T-CREATE EXPERT DDR5 Memory can handle 3D rendering and high-res video editing at the same time, drastically increasing user efficiency and fulfilling creators' demand for multitasking.

Primary functions and features

- A redefinition of everything by outstanding performance
- Design for releasing unlimited creativity
- Every recognition of memory overturned
- Reliable performance
- Lifetime warranty for maximum protection

Specifications

Module Type	DDR5 288 Pin Non-ECC Unbuffered DIMM					
Frequency	7600	7600	7200	6800	6400	6400
Capacity	2x16GB	2x24GB	2x16GB 2x24GB	2x48GB	2x16GB	2x48GB
Latency	CL36-46-46-84	CL36-47-47-84	CL34-42-42-84	CL36-46-46-84	CL30-39-39-76	CL32-39-39-76
Bandwidth	60,800 MB/s (PC5 60800)	60,800 MB/s (PC5 60800)	57,600 MB/s (PC5 57600)	54,400 MB/s (PC5 54400)	51,200 MB/s (PC5 51200)	51,200 MB/s (PC5 51200)
Voltage	1.4V	1.4V	1.4V	1.4V	1.35V	1.4V
Compatibility	Intel 700 series					
Dimensions	32(H) x 133(L) x 7(W)mm					
Heat Sink	Aluminum heat-spreader					
Profile	Intel XMP 3.0 / AMD EXPO					
Warranty	Lifetime warranty					

Module Type	DDR5 288 Pin Non-ECC Unbuffered DIMM					
Frequency	6400	6400	6400	6400	6400	6000
Capacity	2x16GB 2x24GB	2x48GB	2x16GB	2x32GB	2x16GB	2x16GB
Latency	CL32-39-39-84	CL32-39-39-84	CL34-39-39-76	CL34-44-44-84	CL40-40-40-84	CL34-36-36-76
Bandwidth	51,200 MB/s (PC5 51200)	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)
Voltage	1.35V	1.4V	1.35V	1.35V	1.35V	1.35V
Compatibility	Intel 700 series					
Dimensions	32(H) x 133(L) x 7(W)mm					
Heat Sink	Aluminum heat- spreader					
Profile	Intel XMP 3.0 / AMD EXPO					
Warranty	Lifetime warranty					

Module Type	DDR5 288 Pin Non-ECC Unbuffered DIMM						
Frequency	6000	6000	6000	6000	6000	6000	5600
Capacity	2x16GB	2x16GB	2x16GB	2x32GB	2x16GB	2x32GB	2x16GB 2x32GB
Latency	CL32-36-36-76	CL38-38-38-78	CL38-46-46-76	CL38-46-46-76	CL30-36-36-76	CL34-44-44-84	CL38-46-46-76
Bandwidth	48,000 MB/s (PC5 48000)	48,000 MB/s (PC5 48000)	48,000 MB/s (PC5 48000)	48,000 MB/s (PC5 48000)	48,000 MB/s (PC5 48000)	48,000 MB/s (PC5 48000)	44,800 MB/s (PC5 44800)
Voltage	1.35V	1.25V	1.25V	1.35V	1.35V	1.35V	1.2V
Compatibility	Intel 700 series						
Dimensions	32(H) x 133(L) x 7(W)mm						
Heat Sink	Aluminum heat- spreader						
Profile	Intel XMP 3.0 / AMD EXPO						
Warranty	Lifetime warranty						

※We reserve the right to modify product specifications without prior notice.
※Check"Product Compatibility Inquiry"before purchase for further info。https://www.teamgroupinc.com/en/support/compatibility.php
※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.
※The overclocking memory with high frequency needs a more enhanced heat solution inside the case, to bring out better stability.
※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.
※The overclocking memory with high frequency needs a more enhanced heat solution inside the case, to bring out better stability.
※Do not mix memory modules of different capacities, frequencies, brands, or models. Each memory kit is paired through compatibility testing. Mixing different kits may cause system instability or failure to boot.
※Memory kits labeled "Support Intel XMP 3.0" only include XMP Profiles. Kits labeled "Support AMD EXPO" only include EXPO Profiles. Kits labeled "COMBINATION Intel XMP/AMD EXPO" include both XMP and EXPO Profiles.
※If the system fails to boot, reset the motherboard CMOS, enter BIOS with default frequency, and then enable the Profile to retry system boot.
※Failure to install and use the memory as per the official specifications, warnings, or operating instructions may result in the memory not operating at the speed indicated on the packaging, system instability, or damage to other hardware.
※For product-related or technical support issues, please contact our professional technical support team via email.

Ordering information

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
BLACK	DDR5-5600（PC5-44800）	CL38-46-46-76 1.2V	2x16GB	x8	CTCED532G5600HC38GDC01
			2x32GB	x8	CTCED564G5600HC38GDC01
	DDR5-6000（PC5-48000）	CL30-36-36-76 1.35V	2x16GB	x8	CTCED532G6000HC30DC01
		CL32-36-36-76 1.35V	2x16GB	x8	CTCED532G6000HC32DC01
		CL34-36-36-76 1.35V	2x16GB	x8	CTCED532G6000HC34CDC01
		CL34-44-44-84 1.35V	2x32GB	x8	CTCED564G6000HC34BDC01
		CL38-38-38-78 1.25V	2x16GB	x8	CTCED532G6000HC38ADC01
		CL38-46-46-76 1.25V	2x16GB	x8	CTCED532G6000HC38GDC01
		CL38-46-46-76 1.35V	2x32GB	x8	CTCED564G6000HC38GDC01
	DDR5-6400（PC5-51200）	CL30-39-39-76 1.35V	2x16GB	x8	CTCED532G6400HC30CDC01
		CL32-39-39-76 1.4V	2x48GB	x8	CTCED596G6400HC32BDC01
		CL32-39-39-84 1.35V	2x16GB	x8	CTCED532G6400HC32ADC01
			2x24GB	x8	CTCED548G6400HC32ADC01
		CL32-39-39-84 1.4V	2x48GB	x8	CTCED596G6400HC32ADC01
		CL34-39-39-76 1.35V	2x16GB	x8	CTCED532G6400HC34DDC01
		CL34-44-44-84 1.35V	2x32GB	x8	CTCED564G6400HC34BDC01
		CL40-40-40-84 1.35V	2x16GB	x8	CTCED532G6400HC40BDC01
	DDR5-6800（PC5-54400）	CL36-46-46-84 1.4V	2x48GB	x8	CTCED596G6800HC36DDC01
	DDR5-7200（PC5-57600）	CL34-42-42-84 1.4V	2x16GB	x8	CTCED532G7200HC34ADC01
		CL34-42-42-84 1.4V	2x24GB	x8	CTCED548G7200HC34ADC01
	DDR5-7600（PC5-60800）	CL36-46-46-84 1.4V	2x16GB	x8	CTCED532G7600HC36DDC01
		CL36-47-47-84 1.4V	2x24GB	x8	CTCED548G7600HC36EDC01

WHITE	DDR5-5600 (PC5-44800)	CL38-46-46-76 1.2V	2x16GB	x8	CTCWD532G5600HC38GDC01
			2x32GB	x8	CTCWD564G5600HC38GDC01
	DDR5-6000 (PC5-48000)	CL30-36-36-76 1.35V	2x16GB	x8	CTCWD532G6000HC30DC01
		CL32-36-36-76 1.35V	2x16GB	x8	CTCWD532G6000HC32DC01
		CL34-36-36-76 1.35V	2x16GB	x8	CTCWD532G6000HC34CDC01
		CL34-44-44-84 1.35V	2x32GB	x8	CTCWD564G6000HC34BDC01
		CL38-38-38-78 1.25V	2x16GB	x8	CTCWD532G6000HC38ADC01
		CL38-46-46-76 1.25V	2x16GB	x8	CTCWD532G6000HC38GDC01
		CL38-46-46-76 1.35V	2x32GB	x8	CTCWD564G6000HC38GDC01
	DDR5-6400 (PC5-51200)	CL30-39-39-76 1.35V	2x16GB	x8	CTCED532G6400HC30CDC01
		CL32-39-39-76 1.4V	2x48GB	x8	CTCWD596G6400HC32BDC01
		CL32-39-39-84 1.35V	2x16GB	x8	CTCWD532G6400HC32ADC01
			2x24GB	x8	CTCWD548G6400HC32ADC01
		CL32-39-39-84 1.4V	2x48GB	x8	CTCWD596G6400HC32ADC01
		CL34-39-39-76 1.35V	2x16GB	x8	CTCED532G6400HC34DDC01
		CL34-44-44-84 1.35V	2x32GB	x8	CTCWD564G6400HC34BDC01
		CL40-40-40-84 1.35V	2x16GB	x8	CTCWD532G6400HC40BDC01
	DDR5-6800 (PC5-54400)	CL36-46-46-84 1.4V	2x48GB	x8	CTCWD596G6800HC36DDC01
	DDR5-7200 (PC5-57600)	CL34-42-42-84 1.4V	2x16GB	x8	CTCWD532G7200HC34ADC01
		CL34-42-42-84 1.4V	2x24GB	x8	CTCWD548G7200HC34ADC01
	DDR5-7600 (PC5-60800)	CL36-46-46-84 1.4V	2x16GB	x8	CTCWD532G7600HC36DDC01
		CL36-47-47-84 1.4V	2x24GB	x8	CTCWD548G7600HC36EDC01