

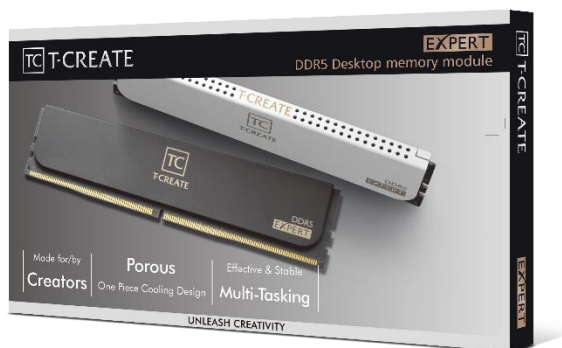


## EXPERT / DDR5 Desktop Memory

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<br>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<br>(PC5 60800)           | 60,800 MB/s<br>(PC5 60800) | 57,600 MB/s<br>(PC5 57600) | 54,400 MB/s<br>(PC5 54400) | 51,200 MB/s<br>(PC5 51200) | 51,200 MB/s<br>(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<br>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<br>(PC5 51200)           | 51,200 MB/s<br>(PC5 51200) | 51,200 MB/s<br>(PC5 51200) | 51,200 MB/s<br>(PC5 51200) | 51,200 MB/s<br>(PC5 51200) | 48,000 MB/s<br>(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<br>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<br>(PC5 48000)           | 48,000 MB/s<br>(PC5 48000) | 48,000 MB/s<br>(PC5 48000) | 48,000 MB/s<br>(PC5 48000) | 48,000 MB/s<br>(PC5 48000) | 48,000 MB/s<br>(PC5 48000) | 44,800 MB/s<br>(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 | x8                     | CTCED532G6000HC30DC01  |                        |
|       |                         |                     |          | CL32-36-36-76 1.35V | x8                     | CTCED532G6000HC32DC01  |                        |
|       |                         |                     |          | CL34-36-36-76 1.35V | x8                     | CTCED532G6000HC34DC01  |                        |
|       |                         |                     |          | CL34-44-44-84 1.35V | x8                     | CTCED564G6000HC34BDC01 |                        |
|       |                         |                     |          | CL38-38-38-78 1.25V | x8                     | CTCED532G6000HC38ADC01 |                        |
|       |                         |                     |          | CL38-46-46-76 1.25V | x8                     | CTCED532G6000HC38GDC01 |                        |
|       |                         |                     |          | CL38-46-46-76 1.35V | x8                     | CTCED564G6000HC38GDC01 |                        |
|       | DDR5-6400 ( PC5-51200 ) |                     |          | CL30-39-39-76 1.35V | x8                     | CTCED532G6400HC30DC01  |                        |
|       |                         |                     |          | CL32-39-39-76 1.4V  | x8                     | CTCED596G6400HC32BDC01 |                        |
|       |                         |                     |          | CL32-39-39-84 1.35V | 2x16GB                 | x8                     | CTCED532G6400HC32ADC01 |
|       |                         |                     |          |                     | 2x24GB                 | x8                     | CTCED548G6400HC32ADC01 |
|       |                         |                     |          | CL32-39-39-84 1.4V  | x8                     | CTCED596G6400HC32ADC01 |                        |
|       |                         |                     |          | CL34-39-39-76 1.35V | x8                     | CTCED532G6400HC34DDC01 |                        |
|       |                         |                     |          | CL34-44-44-84 1.35V | x8                     | CTCED564G6400HC34BDC01 |                        |
|       |                         |                     |          | CL40-40-40-84 1.35V | 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 |                        |                        |
|       |                         |                     | 2x24GB   | x8                  | CTCED548G7200HC34ADC01 |                        |                        |
|       | DDR5-7600 ( PC5-60800 ) | CL36-46-46-84 1.4V  | 2x16GB   | x8                  | CTCED532G7600HC36DDC01 |                        |                        |
|       |                         |                     | 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 | CL32-36-36-76 1.35V | CL34-36-36-76 1.35V    | CL34-44-44-84 1.35V    | CL38-38-38-78 1.25V | CL38-46-46-76 1.25V | CL38-46-46-76 1.35V | 2x16GB | x8 | CTCWD532G6000HC30DC01  |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6000HC32DC01  |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6000HC34CDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x32GB | x8 | CTCWD564G6000HC34BDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6000HC38ADC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6000HC38GDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x32GB | x8 | CTCWD564G6000HC38GDC01 |
|                         | DDR5-6400 ( PC5-51200 ) | CL30-39-39-76 1.35V | CL32-39-39-76 1.4V  | CL32-39-39-84 1.35V    | CL32-39-39-84 1.4V     | CL34-39-39-76 1.35V | CL34-44-44-84 1.35V | CL40-40-40-84 1.35V | 2x16GB | x8 | CTCWD532G6400HC30CDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x48GB | x8 | CTCWD596G6400HC32BDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6400HC32ADC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x24GB | x8 | CTCWD548G6400HC32ADC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x48GB | x8 | CTCWD596G6400HC32ADC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x16GB | x8 | CTCWD532G6400HC34DDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 2x32GB | x8 | CTCWD564G6400HC34BDC01 |
|                         |                         |                     |                     |                        |                        |                     |                     |                     | 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 |                     |                     |                     |        |    |                        |
|                         |                         |                     | 2x24GB              | x8                     | CTCWD548G7200HC34ADC01 |                     |                     |                     |        |    |                        |
| DDR5-7600 ( PC5-60800 ) | CL36-46-46-84 1.4V      | 2x16GB              | x8                  | CTCWD532G7600HC36DDC01 |                        |                     |                     |                     |        |    |                        |
|                         |                         | 2x24GB              | x8                  | CTCWD548G7600HC36EDC01 |                        |                     |                     |                     |        |    |                        |

