



# T-FORCE XTREEM ARGB DDR5 Desktop Memory

## Primary functions and features

- Aurora Effect in Snowy Landscape Creates Multi-layered Soft Lighting
- Precise 2mm CNC Heat Spreader for Enhanced Heat Dissipation
- The Best Choice for White-themed Builds
- Improved PMIC heat dissipation design
- Innovative Circuit Structure Patent Reduces Power Consumption and Heat  
(Invention patent number in Taiwan: I842298; Invention patent number in the US: US12111715B2)
- Patented IC Grading Method for Memory Ensures Applicability and Durability  
(Invention patent number in Taiwan: I751093; Invention patent number in the US: US11488679B1)
- Lifetime warranty

## Specifications

|                         |                                                               |                            |                            |                            |                            |
|-------------------------|---------------------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Series                  | T-FORCE XTREEM ARGB UD-D5 DESKTOP MEMORY                      |                            |                            |                            |                            |
| Memory type             | DDR5 288 Pin Non-ECC Unbuffered DIMM                          |                            |                            |                            |                            |
| Frequency               | 8200                                                          | 8000                       | 8000                       | 7600                       | 7600                       |
| Capacity                | 2x24GB                                                        | 2x24GB                     | 2x16GB                     | 2x24GB                     | 2x16GB                     |
| Latency                 | CL38-49-49-84                                                 | CL38-49-49-84              | CL38-48-48-84              | CL36-47-47-84              | CL36-45-45-84              |
| Data Transfer Bandwidth | 65,600 MB/s<br>(PC5 65600)                                    | 64,000 MB/s<br>(PC5 64000) | 64,000 MB/s<br>(PC5 64000) | 60,800 MB/s<br>(PC5 60800) | 60,800 MB/s<br>(PC5 60800) |
| Voltage                 | 1.4V                                                          | 1.4V                       | 1.45V                      | 1.4V                       | 1.4V                       |
| Compatibility           | Intel: 700 series                                             |                            |                            |                            |                            |
| Dimensions              | 48.5(H) x 134.5(L) x 8.2(W)mm                                 |                            |                            |                            |                            |
| Profile                 | 8200 MHz↑ Intel XMP 3.0<br>8000 MHz↓ Intel XMP 3.0 / AMD EXPO |                            |                            |                            |                            |
| Warranty                | Lifetime warranty                                             |                            |                            |                            |                            |



|                         |                                                               |                         |                         |                         |                         |
|-------------------------|---------------------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Series                  | T-FORCE XTREEM ARGB UD-D5 DESKTOP MEMORY                      |                         |                         |                         |                         |
| Memory type             | DDR5 288 Pin Non-ECC Unbuffered DIMM                          |                         |                         |                         |                         |
| Frequency               | 7200                                                          | 7200                    | 6800                    | 6800                    | 6400                    |
| Capacity                | 2x24GB                                                        | 2x16GB                  | 2x24GB                  | 2x16GB                  | 2x32GB                  |
| Latency                 | CL34-42-42-84                                                 | CL34-42-42-84           | CL34-42-42-84           | CL34-44-44-84           | CL34-44-44-84           |
| Data Transfer Bandwidth | 57,600 MB/s (PC5 57600)                                       | 57,600 MB/s (PC5 57600) | 54,400 MB/s (PC5 54400) | 54,400 MB/s (PC5 54400) | 51,200 MB/s (PC5 51200) |
| Voltage                 | 1.4V                                                          | 1.4V                    | 1.4V                    | 1.4V                    | 1.35V                   |
| Compatibility           | Intel: 700 series                                             |                         |                         |                         |                         |
| Dimensions              | 48.5(H) x 134.5(L) x 8.2(W)mm                                 |                         |                         |                         |                         |
| Profile                 | 8200 MHz↑ Intel XMP 3.0<br>8000 MHz↓ Intel XMP 3.0 / AMD EXPO |                         |                         |                         |                         |
| Warranty                | Lifetime warranty                                             |                         |                         |                         |                         |

|                         |                                                               |                         |                         |
|-------------------------|---------------------------------------------------------------|-------------------------|-------------------------|
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| Memory type             | DDR5 288 Pin Non-ECC Unbuffered DIMM                          |                         |                         |
| Frequency               | 6400                                                          | 6000                    | 6000                    |
| Capacity                | 2x16GB<br>2x24GB                                              | 2x16GB                  | 2x16GB                  |
| Latency                 | CL32-39-39-84                                                 | CL38-38-38-78           | CL30-36-36-76           |
| Data Transfer Bandwidth | 51,200 MB/s (PC5 51200)                                       | 48,000 MB/s (PC5 48000) | 48,000 MB/s (PC5 48000) |
| Voltage                 | 1.35V                                                         | 1.25V                   | 1.35V                   |
| Compatibility           | Intel: 700 series                                             |                         |                         |
| Dimensions              | 48.5(H) x 134.5(L) x 8.2(W)mm                                 |                         |                         |
| Profile                 | 8200 MHz↑ Intel XMP 3.0<br>8000 MHz↓ Intel XMP 3.0 / AMD EXPO |                         |                         |
| Warranty                | Lifetime warranty                                             |                         |                         |



T-FORCE is TEAM force. The red "T" on the logo of "TF" represents TEAMGROUP's passion for the storage products. The black "F" represents TEAMGROUP's over 18 years of promotion of storage products. The visual design of the perfect combination elegantly symbolizes a pair of flying wings.



#### PERFECT CHOICE

Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&i awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award.

#### GLOBALIZATION

Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network.

#### GUARANTEED QUALITY & WARRANTY SERVICE

Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer.

#### SOLID R&D CAPABILITIES

With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overlocking memory modules.



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※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.

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※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              |
|-------|--------------------------|---------------------|----------|-------------------|-----------------------|
| WHITE | DDR5-6000<br>(PC5-48000) | CL30-36-36-76 1.35V | 2x16GB   | x8                | FFAD532G6000HC30DC01  |
|       |                          | CL38-38-38-78 1.25V | 2x16GB   | x8                | FFAD532G6000HC38ADC01 |
|       | DDR5-6400<br>(PC5-51200) | CL32-39-39-84 1.35V | 2x16GB   | x8                | FFAD532G6400HC32ADC01 |
|       |                          |                     | 2x24GB   | x8                | FFAD548G6400HC32ADC01 |
|       |                          | CL34-44-44-84 1.35V | 2x32GB   | X8                | FFAD564G6400HC34BDC01 |
|       | DDR5-6800<br>(PC5-54400) | CL34-44-44-84 1.4V  | 2x16GB   | X8                | FFAD532G6800HC34BDC01 |
|       |                          | CL34-42-42-84 1.4V  | 2x24GB   | X8                | FFAD548G6800HC34ADC01 |
|       | DDR5-7200<br>(PC5-57600) | CL34-42-42-84 1.4V  | 2x16GB   | X8                | FFAD532G7200HC34ADC01 |
|       |                          |                     | 2x24GB   | X8                | FFAD548G7200HC34ADC01 |
|       | DDR5-7600<br>(PC5-60800) | CL36-45-45-84 1.4V  | 2x16GB   | X8                | FFAD532G7600HC36FDC01 |
|       |                          | CL36-47-47-84 1.4V  | 2x24GB   | X8                | FFAD548G7600HC36EDC01 |
|       | DDR5-8000<br>(PC5-64000) | CL38-48-48-84 1.45V | 2x16GB   | X8                | FFAD532G8000HC38DDC01 |
|       |                          | CL38-49-49-84 1.4V  | 2x24GB   | X8                | FFAD548G8000HC38EDC01 |
|       | DDR5-8200<br>(PC5-65600) | CL38-49-49-84 1.4V  | 2x24GB   | X8                | FFAD548G8200HC38EDC01 |



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| <b>PERFECT CHOICE</b><br>Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&i awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award. | <b>GLOBALIZATION</b><br>Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network. | <b>GUARANTEED QUALITY &amp; WARRANTY SERVICE</b><br>Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer. | <b>SOLID R&amp;D CAPABILITIES</b><br>With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overclocking memory modules. |
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