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| Building great products that accelerate next-generation computing experiences.  Latest Technologies  Whether you are 3D rendering a high poly scene, exporting massive video files, or visualizing an architectural dream, AMD Ryzen™ 7000 Series processors are built to beat the clock. With time-saving connectivity like:  **PCI-E 5.0 storage support**  **Ultra-fast Wi-Fi 6E**  **AMD EXPO™ technology**  **32 processing threads**  **Dedicated video accelerators**  Elevate your processing power  AMD RyzenTM processors have bleeding edge technologies to support and keep you in the game. |  | |  | | | AMD Ryzen 7000-Series Desktop Processors  The most advanced PC processor for gamers and creators.   Welcome to the new era of performance. AMD Ryzen 7000 Series ushers in the speed of “Zen 4” for gamers and creators with pure power to tackle any game or workflow on the digital playground. The world’s most advanced PC processor for gamers and creators extends AMD performance leadership to power your PC. |  | |  | | |  | | --- | | Advanced Micro Devices | | “Take your systems to extremes.” | |  | |  | | |
| Release Date and Retailers AMD RyzenTM 7000-Series processors will be available to buy from the 27th September, 2022 (please note that the 7800X and 7600 non-X variants will be announced in Q1’23). It will be available at AMD Partnered retailers. For more information please visit: <https://www.amd.com/en/where-to-buy/ryzen-series-processors>  Made by Ali Rafiq and Daniyal Mehmood  Email: alirafi202@gmail.com | |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 7000-Series Line Up The 7000-Series is going to include:   * ***Ryzen 9 7950X*** * ***Ryzen 9 7900X*** * ***Ryzen 7 7700X*** * ***Ryzen 5 7600X***  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | CPU | Cores | Threads | Base Clock | Max Clock | TDP | | 7950X | 16 | 32 | 4.5Ghz | 5.7Ghz | 170W | | 7900X | 12 | 24 | 4.7Ghz | 5.6Ghz | 170W | | 7700X | 8 | 16 | 4.5Ghz | 5.4Ghz | 105W | | 7600X | 6 | 12 | 47Ghz | 5.3Ghz | 105W |   Huge Performance Gains  Compared to our previous 5000-series, our new 7000-series processors have shown massive boosts in performance. Table above illustrates the difference: | |  | |  | | | |  | | The future of RyzenTM Processors | | Ryzen 7000-Series and future series processors are going to be making use of the all-new AMD Socket AM5 motherboards which are going to include features such as:   * PCI-E 5.0 support * DDR5 Memory * AMD EXPOTM overclocking * AM5 Socket for the 5nm 7000-Series CPUs   AMD EXPOTM  **Easy One-Touch Overclocking**  **Very user-friendly interface for new users with Ryzen-optimized profiles.**  **Works DDR5 ram delivering higher and smoother framerates.** |