

Samsung M393A4K40CB2-CTD 32GB DDR4-2666 LP ECC REG

SKU / Model: M393A4K40CB2-CTD

Product overview

M393A4K40CB2-CTD - 32 GB - 1 x 32 GB - DDR4 - 2666 MHz - 288-pin DIMM - Black - Green

Computer memory Memories (RAM) are essential for the server to operate and they are often key in terms of its performance. Important parameters are mainly capacity, frequency and response speed, which determine the number of tasks that the server is able to serve. Guaranteed quality Server memory can have considerably higher capacity compared to conventional computers as well as ECC technology for automatic bit error correction, thus achieving significantly higher reliability. Compatibility When choosing RAM, it is always advisable to verify the compatible list of the motherboard for which the RAM is intended. Our sales team will be happy to lend you a helping hand when choosing. In some cases, even officially untested memory may work, but over time there may be errors in writing and reading, exposing servers in particular to unacceptable risk. Frequency The frequency given in MHz indicates how many operations the memory module performs in one second. As a rule, the higher the frequency of the computer memory, the faster the memory processes instructions. In the case of DDR4 memories, we normally encounter frequencies of 2,133 to 4,600 MHz, for the latest DDR5 technology we encounter frequencies of 4,800 to 6,400MHz. ECC This is a technology that allows you to detect and correct an error. As the capacity of computer memory increases, the risk of an accidental error statistically increases. DDR4 It is the direct successor of DDR3, which outperforms its predecessors with its speed. The main advantages of DDR4 are higher module density and lower voltage requirements (about 40% more economical compared to DDR3), along with a higher data transfer rate and the highest prevalence within the server world. Specifications Memory generation DDR 4 Form Factor DIMM Size in GB 32 Memory type DIMM Base Frequency 2666 MHz

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