KINGMAX KM-LD4-3200-16GS

KINGMAX RAM DDR4 3200 CL22 16GB Long Dimm User Manual

Model: KM-LD4-3200-16GS

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your KINGMAX DDR4 3200 CL22 16GB Long Dimm memory module. Please read these instructions carefully before proceeding with installation to ensure proper functionality and system stability.

SAFETY INFORMATION

Always observe the following safety precautions when handling computer components:

- Ensure your computer is powered off and unplugged from the wall outlet before opening the case.

- Discharge any static electricity from your body by touching a grounded metal object (e.g., the unpainted metal chassis of your computer) before handling components. Consider using an anti-static wrist strap.

- Handle the memory module by its edges to avoid touching the gold contacts or the integrated circuits.

- Keep memory modules away from liquids and extreme temperatures.

SETUP AND INSTALLATION

Follow these steps to properly install your KINGMAX DDR4 memory module:

1. **Preparation:**
   - Power down your computer completely and unplug the power cord.
   - Open the computer case. Refer to your computer or motherboard manual for specific instructions on how to do this.
   - Locate the DIMM slots on your motherboard. These are typically long slots near the CPU.

2. **Unpacking the Module:**
   Carefully remove the KINGMAX DDR4 memory module from its packaging. Avoid touching the gold contacts.

Image 1: KINGMAX DDR4 16GB memory module in its retail packaging. The module is visible through the clear plastic, showing the KINGMAX branding and specifications label.

3. **Inserting the Module:**
   - Identify the notch on the memory module's gold contacts. This notch must align with the key in the DIMM slot. DDR4 modules have a specific notch placement to prevent incorrect insertion.
   - Open the clips at both ends of the DIMM slot.
   - Hold the memory module by its edges and align the notch with the slot's key.
   - Press down firmly and evenly on both ends of the module until the clips snap into place, securing the module. Do not force the module if it does not seat easily; re-check alignment.

Image 2: Close-up view of the KINGMAX DDR4 16GB memory module. The black PCB features several memory chips and a teal label with KINGMAX logo, DDR4-3200, 16GB, 1.2V, and model number KM-LD4-3200-16GS.

4. **Post-Installation:**
   - Close the computer case.
   - Reconnect the power cord and power on your computer.
   - Access your system's BIOS/UEFI settings (usually by pressing DEL, F2, or F10 during boot-up) to verify that the new memory is recognized and operating at the correct speed (3200MHz).

OPERATING

Once properly installed and recognized by your system's BIOS/UEFI, the KINGMAX DDR4 memory module operates automatically. The operating system will utilize the installed memory for various tasks, enhancing overall system performance. No further user intervention is typically required for basic operation.

MAINTENANCE

Memory modules generally require minimal maintenance. To ensure optimal performance and longevity:

- Keep your computer's interior clean and free of dust to prevent overheating, which can affect memory performance.
- Avoid physical impact or bending of the module.
- Ensure adequate airflow within your computer case.

TROUBLESHOOTING

If you encounter issues after installing your KINGMAX DDR4 memory module, consider the following:

- **System Not Booting / No Display:**
  - Ensure the memory module is fully seated in its slot and the clips are locked.
  - Try reseating the module.
  - If multiple modules are installed, try booting with only one module at a time to identify a potentially faulty module or slot.
  - Verify that your motherboard supports DDR4 memory and the installed capacity.

- **Incorrect Memory Capacity Detected:**
  - Check your BIOS/UEFI settings to confirm the detected memory.
  - Ensure your operating system is 64-bit to fully utilize 16GB or more of RAM.
  - Update your motherboard's BIOS/UEFI to the latest version, as this can improve memory compatibility.

- **System Instability / Blue Screens:**
  - Run a memory diagnostic tool (e.g., Windows Memory Diagnostic or MemTest86) to check for errors.
  - Ensure your system's power supply unit (PSU) is sufficient for all installed components.
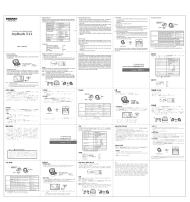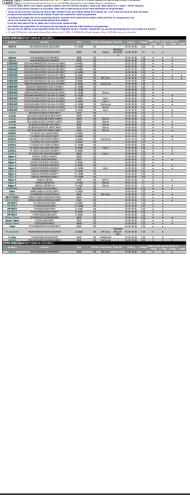
SPECIFICATIONS

Feature	Detail
Brand	KINGMAX
Model Number	KM-LD4-3200-16GS
Memory Technology	DDR4
Capacity	16 GB
Speed	3200 MHz
CAS Latency (CL)	CL22
Form Factor	DIMM (Long Dimm)
Voltage	1.2V
Special Features	Lightweight

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official KINGMAX website or contact your retailer. Keep your proof of purchase for warranty claims.

[KINGMAX JoyBuds 511 True Wireless Stereo Bluetooth Earbuds User Manual](#)
User manual for KINGMAX JoyBuds 511 True Wireless Stereo Bluetooth Earbuds, detailing specifications, charging, pairing, usage, controls, and important warnings. Provides instructions for setup and operation.

[HyperX HX432C16FB3A/32 DDR4-3200 CL16 32GB Memory Module Specifications](#)
Detailed specifications for the HyperX HX432C16FB3A/32, a 32GB DDR4-3200 CL16 288-Pin DIMM memory module. Includes features, factory timing parameters, and dimensional information.

[ASUS X299 Series DDR4 DRAM QVL Update - Compatible Memory Modules](#)
This ASUS Qualified Vendor List (QVL) details compatible DDR4 DRAM modules for PRIME, TUF, and STRIX X299 series motherboards. It includes specifications, timings, voltages, and compatibility for speeds up to 3200 MHz from leading brands like Corsair, G.SKILL, Crucial, and more.

[D-Link DES-3200 Series Firmware Release Notes](#)
Detailed release notes for D-Link DES-3200 series network switch firmware, covering firmware versions, upgrade instructions, new features, bug fixes, and known issues.

[ASUS ROG Rampage VI Extreme Encore DDR4 QVL - Compatible Memory List](#)
Comprehensive Qualified Vendor List (QVL) for DDR4 memory modules compatible with the ASUS ROG Rampage VI Extreme Encore motherboard, detailing speeds, timings, voltages, and vendor information.

[iSNATCH 67.3200.83 Wireless Indoor Alarm Siren - User Manual & Specifications](#)
Comprehensive guide for the iSNATCH 67.3200.83 wireless indoor alarm siren. Covers features, installation, programming, pairing, standalone operation, specifications, and compliance. Learn how to set up and use this 120dB self-powered siren with strobe light and tamper protection.