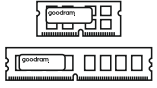
EN

goodram

USER MANUAL
FOR MEMORY MODULES „RAM"

Thank You for choosing GOODRAM product. Before the first use, please read this user manual to learn about how to use and store this product.
We recommend to retain this manual for future read.

REFERS TO THE FOLLOWING PRODUCTS:
GOODRAM DDR1 DIMM/SODIMM
GOODRAM DDR2 DIMM/SODIMM
GOODRAM DDR3 DIMM/SODIMM
GOODRAM DDR4 DIMM/SODIMM
and future products from the series



SYMBOL EXPLANATION
Below you will find explanation of symbols used in this manual. Please read this important information before continuing.

CE Manufacturer declares that this product, marked with CE sign, conforms with the essential requirements contained in EU directives Responsible for CE marking is Wilk Elektronik SA, with its registered office in Laziska Gorne 43-173, Mikolowska 42, Poland. Copy of the declaration can be obtained by contacting Wilk Elektronik SA.

This product may not be treated as a household waste. It should be utilized in appropriate recycling center.

The product can be recycled which means that materials used for its production can be reused.

The product is not a toy and is not intended for children under the age of three.

It is forbidden to place the product near the naked flame.

It is forbidden to immerse any part of this product in water or other liquid, especially when it operates.

It is forbidden to expose this product to potential damage and excess heat or extremely low temperatures that do not comply with the product specification.

USAGE AND COMPATIBILITY
Product intended for use as an internal memory in desktop computers and laptops.

Memory modules can be divided into DIMM – for desktop computers (PC) and SO-DIMM – for laptops. To select correct memory module, check the connector standard in your host device (SDR, DDR, DDR2, DDR3, DDR4). Standards differ in operating frequency and shape of the edge connector (number of pins, notch positioning).
In case of connecting a memory module with higher capacity than supported by the host device, memory can be reduced (please refer to the technical specification of your device).

INSTALLATION
Before installing the memory module, your computer must be turned off and unplugged from the power source and the case side panel must be removed.
Remove the old memory module and install the new one in correct memory slot with the matching notch position. When the memory is placed into the slot correctly, the side case can be closed and computer can be turned on. The new memory module will be recognized by the operating system.

CAPACITY
Storage capacity for GOODRAM memory modules is always expressed in decimal values. That means, 1GB equals 1 000 000 000 bytes. Operating system that use the binary conversion eg. 1GB equals 1 073 741 824 bytes may show lower storage capacity value than advertised. Additionally, a part of the storage is reserved for files and firmware, managing the drive.

SAFETY MEASURES
To ensure the best user experience and safe use, please follow the precautions listed below:

Do not:
- expose this product to potential damage and excess heat or extremely low temperatures
- immerse any part of this product in water or other liquid
- place the product near the naked flame

Caution:
- provide accurate heat dissipation
- this product is not a toy and is not intended for children under the age of three
- use this product only with compatible devices

MANUFACTURER'S WARRANTY
Warranty conditions are listed in separate document, available at product website at www.goodram.com/warranty

MANUFACTURER
Wilk Elektronik SA
Mikolowska 42
43-173 Laziska Gorne
Poland

