

How Computer Memory Works.

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How Computer Memory Works introduces the main PC system memory with full color illustrations.

The book starts with an introduction to the main types of system memory.

Describes the different types of memory chips, used in system memory and VRAM.

Introduces the system memory found on a computers motherboard.

Shows how data is written from the PC's CPU, into a silicon memory chip.

Data and address lines are shown along with the memory cells, transistor and capacitor.

This full color illustrative guide shows data being read from a silicon memory chip.

Shows how bits are stored in silicon memory chips.

This book will be useful to students and anyone else wishing to learn about system memory.

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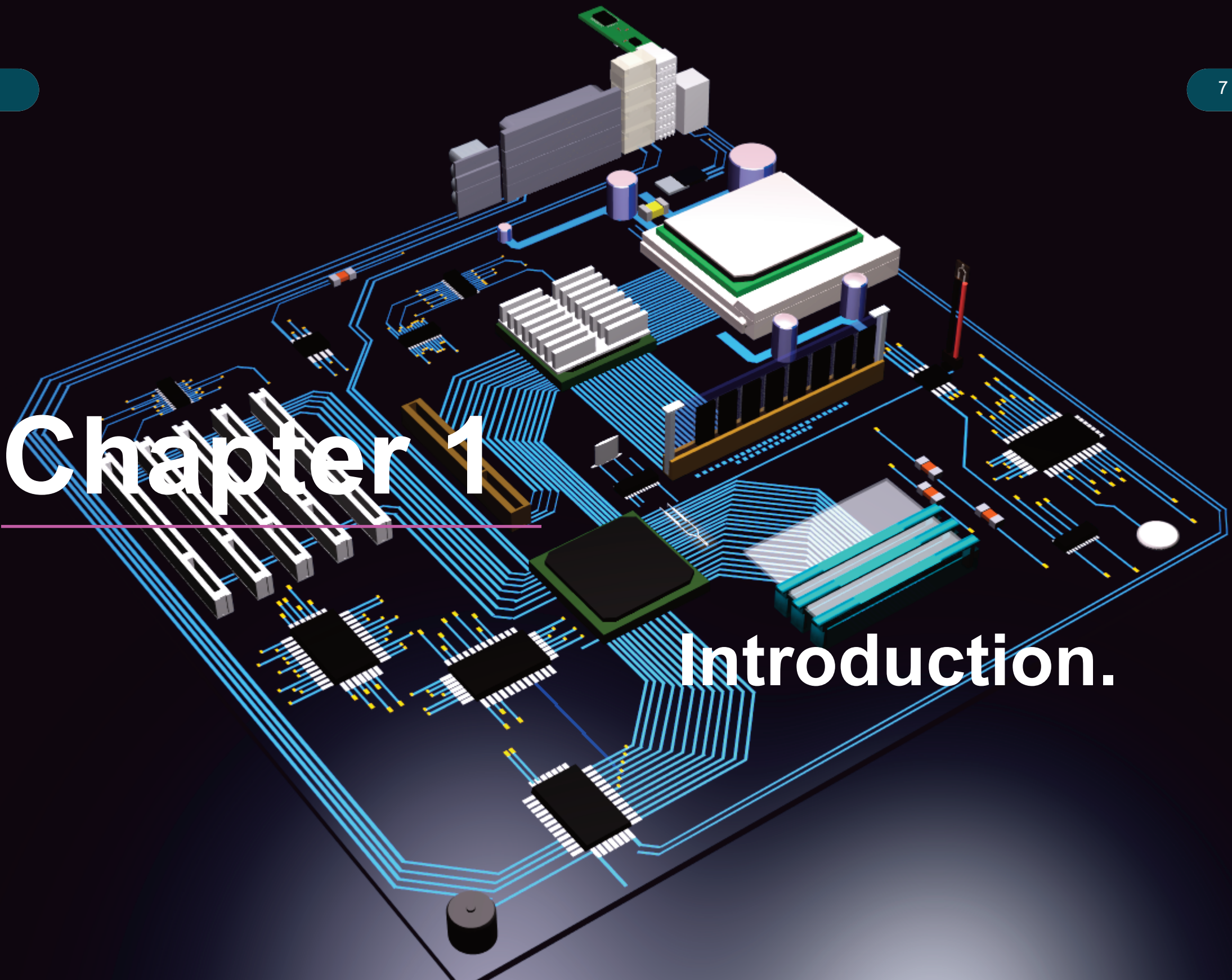
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Chapter 1

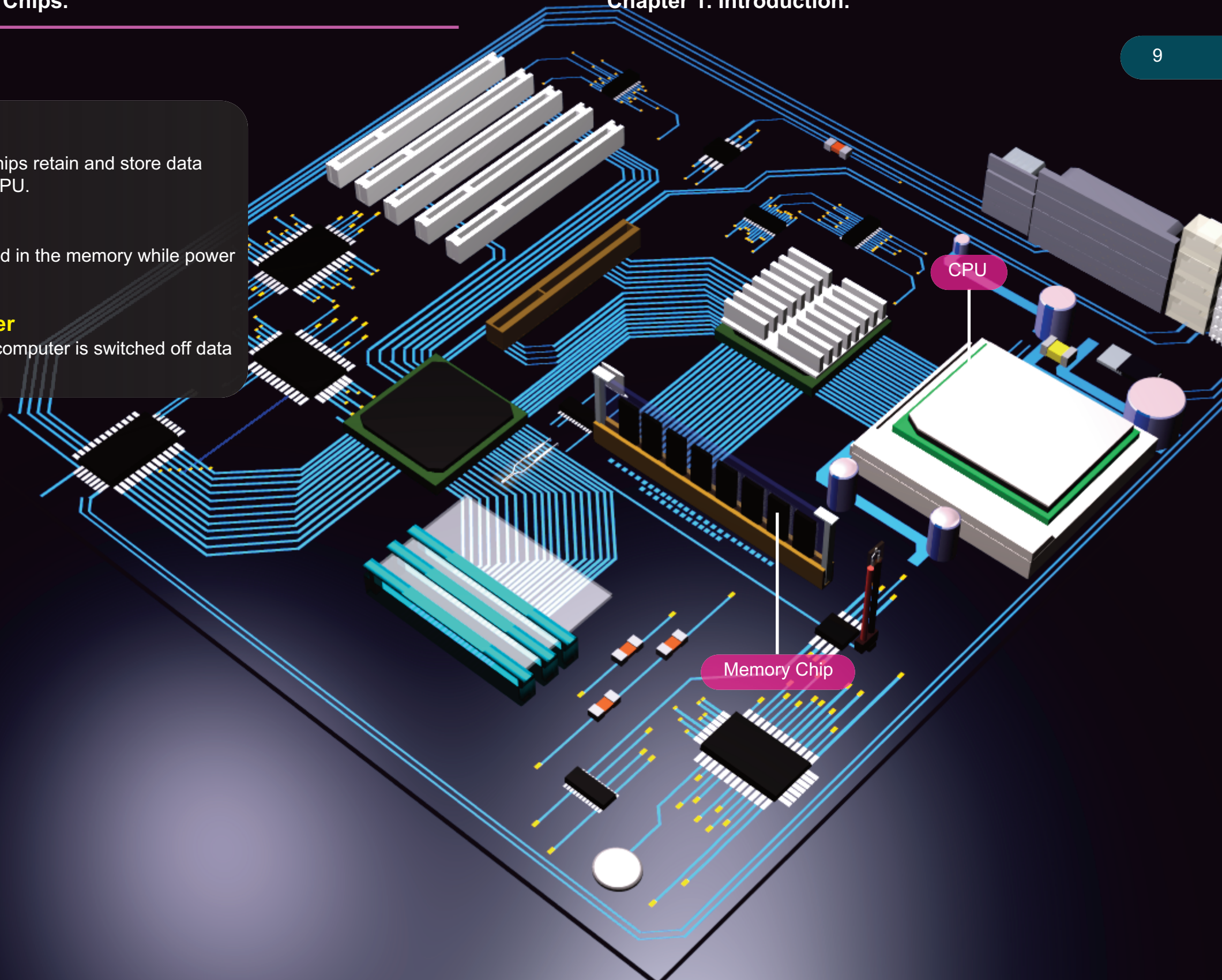
Introduction.



Memory chips retain and store data from the CPU.

Data is held in the memory while power is on.

Once the computer is switched off data is lost.



BIOS

Some types of memory chips like the ROM BIOS, retain their data with a battery.

Non-Volatile

These memory chips are called non-volatile types, as they retain their data even when the computer is switched off.

