**TECHNICAL COMPUTER CONCEPTS**

CPU register test,

ROM checksum test,

System timer and beeper port test,

Checking the DMA controller,

Reviewing the lower region of RAM for projecting resident programs in the BIOS,

Launch of local programs,

Checking the standard graphics adapter (VGA),

Testing RAM,

Checking the main input devices,

CMOS check,

Checking the main LPT / COM ports,

Checking hard disk drives (HDD), and SSDs,

Self-testing of BIOS functional subsystems,

Transferring control to the bootloader.

Restart

Unplug any drives or USB devices.

Disconnect external devices.

Reconnect the power supply cables.

Identify the beep code using the component or device manual.

Check the fans turned off or on.

Disconnect all expansion cards.

Power off and on the computer.

Check if the BIOS chip is loose.

Update BIOS.

Change motherboard, GPU, RAM, PSU, storage disks as a proxy to see whether the POST continues to proceed further.