



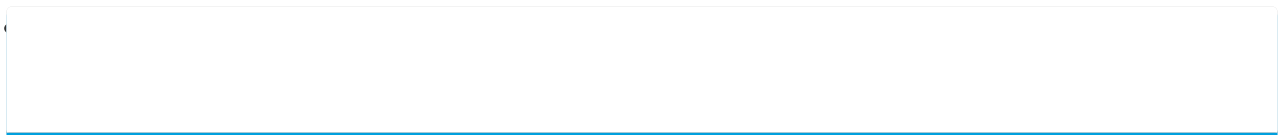
# Memory Configuration; Pci Express Configuration; Sata Configuration - Asus Z170-K User Manual



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## Bookmarks







## PEG Port Configuration

Allows you to configure the PEG Port settings.

### PCIEx16\_1 Link Speed [Auto]

Allows you to configure the PCIEx16 speed for slot 1. Configuration options: [Auto] [Gen1] [Gen2] [Gen3]

## Memory Configuration

Allows you to configure the memory configuration parameters.

### Memory Remap [Enabled]

Set this item to [Enabled] to support DRAM address remapping for 64-bit operating systems. Configuration options: [Enabled] [Disabled]

## 2.6.4

### PCH-IO Configuration

This item allows you to configure the PCI Express configuration settings.

#### PCI Express Configuration

##### PCIe Speed [Auto]

Allows you to configure the PCIe speed. Configuration options: [Auto] [Gen1] [Gen2] [Gen3]

## 2.6.5

### SATA Configuration

While entering Setup, the BIOS automatically detects the presence of SATA devices. The

SATA Port items show Not Present if no SATA device is installed to the corresponding SATA

port.

#### SATA Controller(s) [Enabled]

Enables or disables onboard the SATA device. Configuration options: [Disabled] [Enabled]

The following items appear only when you set the SATA Controller(s) to [Enabled].

#### SATA Mode Selection [AHCI]

Allows you to set the SATA configuration.

##### [AHCI]

Set to [AHCI] when you want the SATA hard disk drives to use the AHCI (Advanced Host Controller Interface). The AHCI allows the onboard storage driver to enable advanced Serial ATA features that increases storage performance on random workloads by allowing the drive to internally optimize the order of commands.

##### [RAID]

Set to [RAID Mode] when you want to create a RAID configuration from the SATA hard disk drives.

The following items appear only when you set the SATA Mode Selection to [RAID].

#### CR#1 RST Pcie Storage Remapping [Disabled]

This item allows you to enable or disable the RST Pcie Storage Remapping feature. Configuration options: [Auto] [Disabled] [Enabled]

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