

PCI IRQ Activated By

If your IDE card is triggered by edge, set it at "Edge".

The options are: Level (Default), Edge.

PCI IDE IRQ Map To

Set to Auto to allow the system BIOS to automatically detect which interrupt is used by the PCI master drive.

The options are: PCI-AUTO (Default), PCI-SLOT1, PCI-SLOT2, PCI-SLOT3, ISA.

PCI Dynamic Bursting

When enabled, executes the "Burst write" function during a PCI cycle.

The options are: Enabled (Default), Disabled.

CPU to PCI Write Buffer

When enabled, allows data and address access to the internal buffer of VT82C576 so the processor can be released from the wait state.

The options are: Enabled (Default), Disabled.

PCI Byte Merge

When enabled, allows the PCI cycle to send data out only after the internal buffer of VT82C576 is filled up completely.

If you are using Trident 9440 PCI VGA card (VC-910), AVANCE ALG 2301 PCI VGA card or KELVIN 64-PCI (Cirrus 5434) PCI VGA card, keep this feature disabled.

The options are: Disabled (Default), Enabled.

PCI Master Write Buffer

When enabled, allows the PCI write operation by informing the CPU of pending data from the PCI device. Processor is released from waiting state by a signal from the master card.

The options are: Enabled (Default), Disabled.

PCI Master Prefetch

When enabled, allows the data and address to be saved in the internal buffer of VT82C576 to reduce master drive access time.

The options are: Enabled (Default), Disabled.

PCI Master Burst Write

When enabled, allows the PCI master drive to burst write data to system, instead of the normal speed (32 bits at a time). It increases the data transfer from PCI to system.

The options are: Enabled (Default), Disabled.

PCI Master 1WS Write

When enabled, allows one more wait state cycle delay when the PCI master drive writes data to DRAM.

The options are: Enabled, Disabled (Default).

Local Memory Detect Point

If set at Fast, the PCI access to the same 1KB address in memory will be reduced one PCI cycle. If you use the ADAPTEC PCI SCSI Cards AHA-2940/45, please set at "Medium".

The options are: Fast (Default), Medium.

Interrupt Assignments of PCI Slots

SLOT	INT OF SLOT	INT OF VT82C576
Slot 1	A	A
	B	B
	C	C
	D	D
Slot 2	A	B
	B	C
	C	D
	D	A
Slot 3	A	C
	B	D
	C	A
	D	B