ASUS Motherboard Technical Updates

This is an information update for the user guide that comes with your motherboard package.

2.5.6   PCI Express x16 slots

Universal PCI-E slot (max. x4 mode)

This motherboard also supports a Universal PCI-E slot with a maximum speed of 2 GB/s. The operating frequency of this slot changes, depending on the type of PCI Express card you install. Refer to the table below for details.

When the PCI Express x1 slots are not occupied, the Universal PCIE slot automatically switches and runs at x4 mode.

The figure shows two graphics cards installed on the primary PCI Express x16 slot and the Universal PCI-E slot.

PCIe Configuration

	Primary PCIe x16 slot	Universal PCIe slot
PCIe x1 slots not occupied	x16 mode	x4 mode
PCIe x1 slots occupied	x16 mode	x1 mode

- •   If you install two VGA cards, we recommend that you plug the rear chassis fan cable to the motherboard connector labeled CHA_FAN1 for better thermal environment.

- •   Some PCI Express graphics cards cannot operate on x4 mode. We suggest that you install these cards on the primary PCI Express slot (blue) to increase system stability.

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