

Re: Gateway GM5066E help

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I am adding another Hitachi HDT722525DLA380 that I want to Ghost to this drive since the original is flaky.

I looked in BIOS and it is set to automatically look for the drives but doesn't show anything for this drive.

BIOS setups often have two sets of controls. One set controls how the BIOS handles the setup for drives on the controllers it finds (e.g. whether it asks the drive for its configuration, or uses a manually-entered configuration). The other set controls which of the hard-drive controller ports on the motherboard are enabled.

It is possible that the latter setting in your BIOS is set to "Primary only" rather than "Both".

If this is the case, then the BIOS may very well be disabling the secondary port completely when it configures the chipset. The port wouldn't be active in the I/O register space, wouldn't connect to an interrupt, and wouldn't show up during the enumeration (scanning) of the PCI configuration space. The port (and any drive connected to it) simply "wouldn't exist" to the rest of the BIOS, or to the operating system.

Check the "Onboard peripherals" or "PCI peripherals" section of your BIOS configuration, and make sure that the onboard IDE/SATA configuration is set to "both".

If this is a dual-style (parallel-ATA and serial-ATA) motherboard, you **might** have to disable the parallel-ATA port(s) in order to use both SATA ports... or, load a specialized driver to allow you to use three or more ports.

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