

0. Technical Reference - Q&A

1. Q: I installed Windows XP x64 Edition on a system which is built by an Intel EM64T CPU and 4 GB memory on 775i915P-SATA2 / 775i65PE / 775V88+ / 775V88. Windows reports system memory about 3.0 - 3.5 GB. Why?

A: Although the CPU and Operating system supports 64 bit addressing, Intel 915P, 865PE and VIA PT880 chipsets does not support remapping function. The missing memory addresses are reserved for PCI I/O space, AGP aperture mapping space, and other onboard device I/O space. Although the chipset datasheet may claim memory support up to 4 GB, the system actually only reports about 3.0 - 3.5 GB with four 1 GB DDR memory modules.

2. Q: When I use an Athlon 64 X2 Dual Core CPU on 939A8X-M / K8COMBO-Z / K8Upgrade-1689, the AGP display card does not run at AGP mode. How should I fix this problem?

A: Please update the ULi AGP driver to 2.3 or higher.

1. Uninstall the driver of your display card and the older version of ULi AGP driver.
2. Install the new ULi AGP driver
3. Install the driver of your display card.

You can find the new ULi AGP driver on the download pages of those models in ASRock website.

<http://www.asrock.com/support/Download.asp>