

FAQ / Application Note

Rev. A1

Subject : EMX-965GME setting LVDS+DVI display in Windows XP Professional.

FAQ Document No: H10012 Model Name, EMX-965GME Date: 2010/11/09

Category: General H/W S/W Others, Displ<u>ay</u>

Purpose: Dual Display LVDS+DVI display function.

Please follow procedure step by step as below:

1. Firstly, please update AMI BIOS: 965GA315.T06.FD to EMX-965GME



- 2. Reboot system and loading optimized defaults in CMOS setup utility.
- 3. Shut down the system and setup LVDS and DVI device in EMX-965GME
- 4. Into Windows XP, Install IEGD driver: IEGD 10 0 Windows After finished, you can see graphic card list in Device Manager:



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5. Start setting Display config:

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Display Status			
Display Config	DVI (extend) LVDS		
Primary Display	DVI		
Secondary Display	LVDS		
Display Configurati	ion		
Display Config	DVI (extend) LVDS		
Primary Mode Resolution 10	DVI (single) LVDS (single) DVI (clone) LVDS 24 DVI (extend) LVDS		
Secondary Mode		F	
Resolution 10	124×768@70 -	Bit Depth	32 -1

Example:

Test environment:

- 1. OS: Windows XP SP3
- 2. LVDS: AUO G150XG03 V1 1024x768 18bit
- 3. DVI: CHIMEI 22GH DVI-D
- 4. Primary Display: DVI, secondary display: LVDS
 - A. DVI+LVDS extend mode:

Display Status	
Display Config	DVI (extend) LVDS
Primary Display	DVI
Secondary Display	LVDS
Display Configuration	•
Display Config	DVI (extend) LVDS
Primary Mode Resolution 1024	DVI (single) LVDS (single) DVI (clone) LVDS DVI (extend) LVDS
Secondary Mode	
Resolution 1024	4x768@70 - Bit Depth 32 -

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B. DVI+LVDS Clone mode

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Display Config	DVI (clone) LVDS
Primary Display	DVI
Secondary Display	LVDS
Display Configuration	n
Display Config	DVI (clone) LVDS
Primary Mode Resolution 10.	DVI (single) LVDS (single) 24 DVI (clone] LVDS DVI (extend) LVDS
Secondary Mode Resolution 10.	24×768@70 - Bit Depth 22







Remark : 1.The different LVDS resolution there are modify VGA BIOS. 2. Change Primary display need modify Intel IEGD driver.

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