

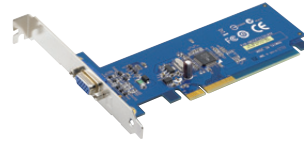
ADD2 Cards

PCIe Based Graphic Expansion Card



AIMB-LVDS-00A1E

- Supports single channel 24-bit/ dual channel 48-bit
- Chrontel CH7308A
- Max. resolution 1600 x 1200
- LCD/VCC voltage supports 3V or 5V

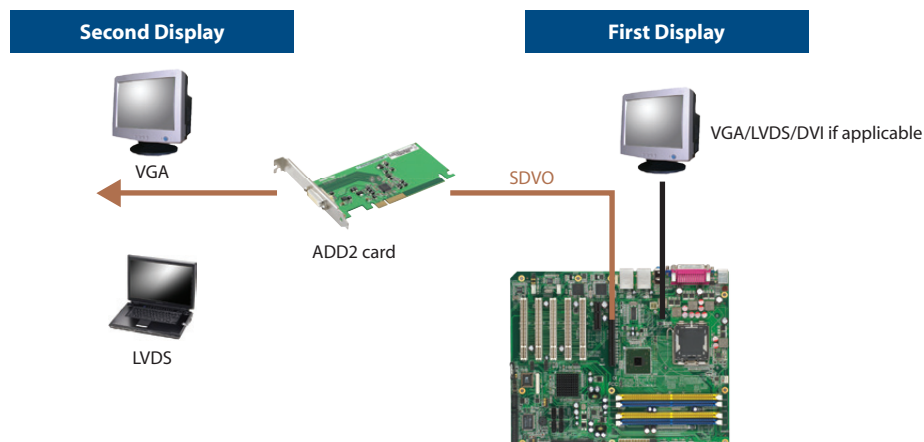


AIMB-VGA-00A1E

- Supports external CRT display
- Chrontel CH7317A
- Max. resolution 1024 x 768

Introduction

An ADD2 card is an adapter card that can be inserted into the PCIe port of Intel® based systems. ADD2 cards utilize the PCIe x16 port to receive SDVO signals from the North Bridge. They provide several display options, such as VGA and LVDS. Versatile ADD2 cards allow configurations to have single or dual display mode without hardware customization. ADD2 cards provide the most cost-effective and fastest time-to-market solution for applications that require dual display devices.



Selection Guide

Model Name	AIMB-LVDS-00A1E	AIMB-VGA-00A1E
Display Device	LVDS	VGA
Interface	PCIe x16/SDVO	PCIe x16/SDVO
Video Output	Single LVDS (internal)	Single VGA (external)
Resolution	1600 x 1200 (UXGA)	1024 x 768 (XGA)
Transmitter	Chrontel CH7308A-TF	Chrontel CH7317A-TF
Applicable Motherboard (with default BIOS)	-	-
Applicable Motherboard (requires BIOS customization)*	AIMB-262/562/564/762/763/764	AIMB-262/562/564/762/763/764/766
Bracket Height	Full/Low Profile	Full/Low Profile
Dimensions	16 x 12 cm (6.30" x 4.72")	16 x 12 cm (6.30" x 4.72")
Operating Temperatures	0 ~ 60° C (32 ~ 140° F)	0 ~ 60° C (32 ~ 140° F)

* Please contact Advantech technical support team for custom BIOS