FEATURES

- PCI-Express x 1 Architecture
  - X86 processors
  - ARM, MIPS, PPC, and ARC processors
- 16MB Integrated Video DDR Memory
  - Embedded 16MB DDR only
  - Embedded 16MB DDR (32Bit I/F) + external 16MB DDR (32Bit I/F)
  - External up to 64MB DDR (64bit I/F)
- Low Power Consumption < 1.5W
- Cost-Effective Multi-Display/Panel Supports
  - Dual 300 MHz DAC supports up to 1920x1200 resolution
  - Dual 18-bit DVO interface for TMDS or LVDS transmitter supports up to 1920x1200 resolution
  - Independent resolution and refresh rates for dual display types
- Quick-Rotation Features
  - Allow for 90°, 180°, and 270° rotation of on-screen images
- 2D Graphic Accelerator
  - 128-bit 2D graphic engine
  - ROP3's, BitBLT, transparent BLT, pattern BLT, color expansion, and line drawing
  - YUV-16/32-bit RGB conversion
- Video Display Layers
  - Support 7 layers of display frames (2 hardware cursors, primary graphic, video, video alpha, alpha, and secondary graphic)
- Zoom Video Port
  - Two 8-bit ports or one 16-bit video capture port supports ITU601 and ITU 656 specifications V-16/32-bit RGB conversion
- Serial EEPROM Interface
- DMA Controller
- GPIO/I2C/SSP Interface

SPECIFICATION

Graphics Engine	2D
Host Interface	PCIe x 1
Int. Memory	16MB DDR (option)
Ext. Memory	64MB DDR (max)
Resolution	1920 x 1200 (max)
Software Support	WinCE, WinXP, Win7, Win8, Win8.1, Win2008(32-bit/64-bit),Win2012(32-bit/64-bit), Linux Enterprise(32-bit/64-bit)
CPU Platform	Intel, AMD, ZFMicro, Freescale PPC, AMCC, STMicro, Marvell, Loongson and other PCIe
Operation Temperature	C-Temp & I-Temp
Package	265-pin BGA MCM (17mm x 17mm)

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