

Avalue introduces digital signage applied Mini-ITX motherboards

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Product Newsletter



The purposes of setting a Digital Signage are varied, from tourist guiding, information providing, promotional advertising, to interactive multimedia service supplying, yet for lifting the environment beauty. The Digital Signage is widespread. Therefore Avalue developed +12V DC input supported motherboards, focusing on large screens, high definition effects, and multi-functional manageability, and providing customers the best choice of Digital Signage systems.

Avalue's fanless Digital Signage motherboard, ACP-945GDS, is powered by Intel® Atom™ N270 low voltage processor, and the other with a smart fan control ability motherboard, ACP-GM45DS, is powered by Intel® Core™ 2 Due mobile processor. Both of them come with built-in SODIMM sockets, supporting 2GB~4GB DDR2 SDRAM. Avalue Digital Signage motherboards integrate with Intel® GMA 3D graphics engines, and provide Full HD Video Playback Decoding capability, plus come with Realtek 5.1-channel audio streams, to deliver excellent graphics and sound effects. Besides, Avalue Digital Signage motherboards support multi displays configurations, and compatible with various types of display, such as VGA, DVI, LVDS, and HDMI, the maximum resolution is 2048 x 1536. It is suitable for large-scale video wall applications as connecting with a video splitter.

The ACP-GM45DS supports Intel® iAMT 4.0 technology, which enables remote networking manageability and offers the optimized system management capability. For a system administrator, without being on-site, he/she can repair user-end problems anytime, even the power is off. It also provides an integrated TPM security chipset, which gives hardware security abilities to defend attacks and protect data. Avalue's ACP-series Mini-ITX motherboards provide flexible interface for expandability, including PCIe x1, Mini PCIe, PCI, USB 2.0, COM, SATA, CF, 2 sets of Gigabit Ethernet LANs, K/M, and 8-bit DI/O etc.

Avalue offers various selections of thermal solution modules, types of Mini-ITX chassis, and customized BIOS / driver / Embedded OS services for Industrial Motherboard products, as well as provides 3~5 year longevity component supports. Putting quality first, Avalue products are produced to strict quality control standards in all standard models, project-based boards or completely tailor-made solutions.

ACP-945GDS Features:

- Intel® Atom™ Processor N270 1.6 GHz CPU

- Intel® 945GSE / ICH7-M Chipset
- One 200-pin SODIMM socket up to 2 GB DDR2 533 MHz SDRAM
- Intel® Graphics Media Accelerator 950
- VGA, LVDS, HDMI
- Realtek ALC888 5.1-CH HD Audio Streams
- Dual Intel® 82574L Gigabit Ethernet
- 1 Mini PCIe, 1 CF, 1 PCI, 1 LPT
- 6 COM, 6 USB, 2 SATA, 8-bit GPIO
- Fanless Operation
- +12V DC input

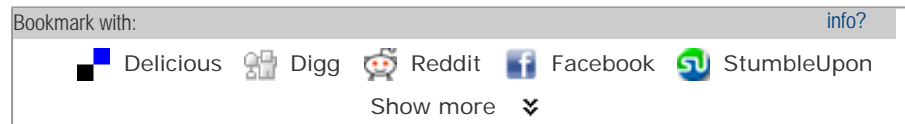
ACP-GM45DS Features:

- Intel® supports Socket-P Core™ 2 Duo mobile CPU with 65nm process technology
- Intel® GM45 / ICH9M-E Chipset
- Two 200-pin SODIMMs sockets up to 4 GB Dual Channel DDR2 800 MHz SDRAM
- Intel® Graphics Accelerator 4500MHD
- Dual Display: VGA / DVI / LVDS
- Realtek ALC888 5.1+2 CH Audio Streams, 6W x 2-CH Amplifier
- Intel® 82567LM Gigabit Ethernet, Intel® 82574L PCI-E Gigabit Ethernet (Optional)
- 1 Mini PCIe, 1 PCIe x1, 1 CF, 1 PCI 2.3
- 5 COM, 8 USB 2.0, 4 SATA, 8-bit GPIO
- TPM 1.2, iAMT 4.0

For more information, or details on the full range of Avalue products available from Anglia please call +44 (0)1945 474747 or email info@anglia.com

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www.anglia.com
info@anglia.com

Tel : +44 (0)1945 47 47 47
Fax : +44 (0)1945 47 48 49

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