

Advantech High Performance Platforms with Intel® Core™ i7 Technology

Enabling Complex & Demanding Applications



Advantech presents products portfolio based on the latest generation Intel Core™ i7 processor. For signage, gaming, and imaging applications, the processing and graphics performance of the latest i7, combined with flexible I/O, will satisfy many designers' requirements and provide end-users with a richer experience. For Industrial automation systems, it is common to interact with multiple generations of technologies like low speed RS-232 and high speed Giga-bit LAN. Sandy Bridge's latest Dynamic Turbo Boost technology can balance the requirements of performance and power consumption.

AIMB-781

LGA1155 Intel® Core™ i7/i5/i3/Pentium ATX with DVI/VGA, Dual Gigabit LAN, DDR3, SATA III



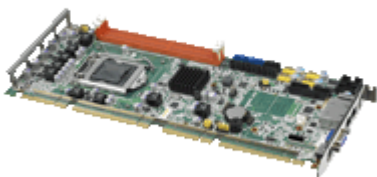
Main Features

- Supports Intel® Core™ i7/i5/i3/Pentium processor with Q67/B65 chipset
- Four DIMM sockets support up to 32 GB DDR3 1066/1333
- Supports dual display VGA and DVI and dual GbE LAN
- Supports SATA RAID 0, 1, 5, 10, AMT7.0, TPM 1.2 (optional)
- Supports embedded software APIs and utilities

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PCE-5126

LGA1155 Intel® Core™ i7/i5/i3 SHB with DDR3/Dual GbE/SATA III



Main Features

- LGA 1155 Intel® Core™ i7/i5/i3/Xeon® processors
- Dual Channel (ECC) DDR3 1066/1333 up to 16 GB
- Supports SATA RAID 0, 1, 5, 10, AMT7.0, TPM 1.2 (optional)
- Out-of-band remote management with IPMI (optional by IPMI module)
- Supports embedded software APIs and utilities

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IPC-7130

Desktop/Wallmount Chassis with Dual SAS/SATA HDD Trays for ATX/MicroATX Motherboard



Main Features

- Stylish ID appearance with 7 expansion slots on the rear
- Shockproof disk drive bay designed to hold one 5.25" disk drive and three 3.5" disk drives (two 3.5" HDD trays and one internal 3.5" drive bay)
- Lockable front door to prevent unauthorized access
- LED indicators and alarm notification for system fault detection, including Power, HDD, Temp, Fan
- Optional PS/2 300W/ 400W power supply

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ACP-4320

Quiet 4U Chassis Ready with Dual SAS/SATA HDD Trays



Main Features

- Supports either an ATX motherboard or a PICMG backplane with up to 15 slots
- Quiet Version provides low-noise solution
- ACP-4320 supports dual SAS/SATA HDD trays for data monitoring applications
- LED indicators and alarm notification for system fault detection and network connection
- Lockable front door prevents unauthorized access

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IPC-6025

5-Slot Desktop/Wallmount Chassis with Scalability for 5U Multi-system Solution



Main Features

- An ultra compact desktop chassis with scalability to a 5U quad-system rackmount chassis
- LED indicators and alarm notification for system fault detection, including power, HDD, CPU/SYS temperature and CPU/SYS fan
- Shock-resistant disk drive bay to hold two 3.5" disk drives (one front-panel and one internal)
- Supports 5-slot PICMG 1.3/1.0 full-size passive backplane
- Accepts 270W power supply
- Optional one rackmount carrier for multi-system solution

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ARK-2150L

Intel® 3rd Generation Core i3-3217UE/i7-3517UE High Performance Fanless Embedded Box PC



Main Features

- Intel® Core™ i3 and i7 processors + Intel QM77 PCH, 1 x DDR3/DDR3L
- SO-DIMM support up to 8 GB
- DirectX11, OpenGL3.1, OpenCL1.1, dual independent display: VGA + HDMI/ DisplayPort
- Supports Intel AMT8.0,
- Supports up to 2 x GbE, 2 x USB 3.0, 4 x USB 2.0 and 4 x COMs ports

- Supports 1 x internal mSATA socket and 1 x 2.5" HDD drive bay
- Lockable DC input jack
- Supports iManager, SUSIAccess and Embedded Software APIs
- IP40

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