

PCI and PCIe Intelligent Embedded IPC Is Expandable



Advantech, a global embedded computing leader providing embedded platform solutions across multiple vertical markets, has released an intelligent, fanless, embedded IPC with PCI/PCIe multi-expansion: the ARK-5260, a powerful, expandable, all-in-one system with ruggedized design. This compact embedded IPC is powered by an Intel Atom D510 dual core processor up to 1.66 GHz. The ARK-5260 offers flexible expansion with 2 PCI slots and 1 PCIe x1 slot, rubber anti-vibration card-holder for PC expansion boards, two 2.5 in. SATA HDD bays to meet large storage demands, and front-side I/O interfaces to facilitate easy replacement and maintenance. It also supports wide-range 12~24V DC input and is packed into a small, rugged case.

The ARK-5260 open frame embedded platform concept provides flexible PCI/PCIe expansion for a range of applications. It is compatible with raid controllers, motion cards, frame grabbers, and isolated serial ports. With the addition of a motion card and a video grabber, the ARK-5260 could form the basis for a visual inspection application, and with the video capture card alone, the rugged platform design makes an excellent choice for industrial DVR.

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