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**Industrial Fanless Intel® Core™ i7 Paltform**

***June 2010* –** Advantech, the leading global ePlatform services provider, is pleased to announce the release of the ARK-3440, which incorporates an Intel® Core™ i7 or Core™ i5 processor in a totally fanless system. “This two-chip architecture offers the advantages of high computing power in a very small footprint,” said Phil Chiu, Advantech Product Manager in charge of the ARK-3440. “When it comes to sheer processing power per cubic inch, this model may well be the frontrunner of any fanless industrial computer today. And of course being fanless is a critical advantage for a number of applications.”

 A step up from Advantech's [ARK-3420](http://www.advantech.com/products/ARK-3420/mod_1-2ZM313.aspx), but with higher computing power and now with a built-in HDMI decoder, the ARK-3440 carries the improved Intel® QM57 integrated graphics with 3D, 3.6 times faster than previous-generation integrated graphics chipset GM965. This graphics engine is capable of broadcasting commercial content in full HD, and offers widescreen multidisplay support. HDMI 1.3 support is built in, along with DVI1.0. Graphics options include CRT and 24-bit LVDS.

Capabilities otherwise are what you'd expect of a leading edge industrial computer. Power input is 9 ~ 34 VDC, and the ARK-3440 can take up to 4 GB of DDR3 1066 MHz SODIMM, two internal 2.5-inch SATA bays, two GbEs, six USB 2.0 ports, three COM ports, and audio. The two PCI/PCIe slots can be mixed or matched. There are six programmable function keys on the front panel.

The ARK-3440 is well suited to a number of processor-intensive applications, including surveillance, machine control, and image processing. The ARK-3440 has an IP rating of 40.

[Product Page](http://www.advantech.eu/products/ARK-3440/mod_1-EEHQ5H.aspx) [Datasheet](http://download.advantech.com/ProductFile/1-FZU7XA/ARK-3440_DS.pdf)

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