# Processor-based fanless embedded computer delivers 3.5” HDD and I/O support

ADLINK Technology announces the release of its new Matrix MXE-1300 series of low-power fanless computers based on the Intel Atom D2550 processor. Equipped with the Intel Atom D2550 processor, the MXE-1300 increases processing power by 44% and graphics performance by 90% over the previous Intel Atom platform. Featuring low power consumption, rich I/O capability, and large storage with 3.5” HDD support, the MXE-1300 series not only leads the market with its fanless, cable-free, and robust mechanical design in a compact form factor, but also makes an ideal application-oriented platform for digital surveillance, intelligent transportation, and factory automation applications.

**3.5” HDD support in a compact form**
The ADLINK MXE-1300 series adapts a 3.5” standard height hard disk drive to a 210 mm (W) x 170 mm (D) x 58 mm (H) containment, providing the industry’s most compact fanless system supporting 3.5” storage capability, significantly reducing storage costs and physical space requirements for high-resolution image processing and transmission applications.

**Rugged design**
Featuring operating shock tolerance up to 100 G, an extended market-leading operating temperature range of -20°C to 70°C, and unique thermal design with zero cable management requirements, the MXE-1300 provides reliable performance in mission-critical and harsh environments.

**Rich I/O capability**
The ADLINK MXE-1300 supports rich I/O interfaces, including six USB ports, 4 serial ports, 4 digital I/Os, 3 Gigabit Ethernet ports, and one each Mini-PCIe and USIM slots for wireless operation. The MXE-1300 accommodates three Intel® 82574 GbE LAN controllers for top performance and a multitude of features supporting diverse internet/intranet applications. In addition, the MXE-1300’s four built-in digital inputs and outputs allow the most intuitive inter-device communication implementation anywhere.

The MXE-1300 also supports multiple OS, including Windows 7, Windows 7 Embedded, Windows XP, Windows XP Embedded, WinCE 7.0, and Linux.

www.adlinktech.com [1]

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**Links:**
[1] http://www.adlinktech.com