

Axiomtek's eBOX671-517-FL Embedded System – A Compact PoE Surveillance Solution

Axiomtek - a world-renowned leader relentlessly devoted in the research, development and manufacture of series of innovative and reliable industrial computer products of high efficiency – is proud to launch the **eBOX671-517-FL**, its latest fanless embedded system that supports 8-port Gigabit PoE and able to work under harsh temperatures. Its eight Gigabit PoE ports allow multiple cabling to cameras and any PoE power device; and, the eBOX671-517-FL is specifically designed for security surveillance, optical inspection, and edge computing applications. This rugged NVR embedded box PC is powered by the 7th/6th generation Intel® Core™ (Kaby Lake/Skylake) or Intel® Celeron® processors with a 35W/65W TDP and comes with Intel® Q170 chipset.

The eBOX671-517-FL comes in great expansion possibilities, including a flexible I/O module slot with a wide selection of PCIe Mini modules and four PCI Express Mini Card slots. It also has two front-accessible SIM slots and four SMA-type antenna connectors. For storage, this high performance fanless embedded system has two SATA HDD drive bays with a height of up to 15 mm and one optional mSATA for RAID 0 and 1. Moreover, the embedded device supports two non-ECC 260-pin DDR4 SO-DIMM slots for up to 32GB of system memory.

“Axiomtek's eBOX671-517-FL features many flexible and user-friendly designs. It has eight IEEE 802.3at/af PoE ports with a total power budget of 90W. Its DVI-D, HDMI and VGA interfaces support three surveillance monitors with 4K ultra HD resolution,” said Janney Lee, a product manager of Product PM Division at Axiomtek. “Moreover, the eBOX671-517-FL is built to withstand harsh operating environments with an extended operating temperature range from -40°C to 70°C and up to 50G shock and 3Grms vibration endurance. Its compact design allows easy installation in space-constraint environments.”

The easily-maintained PoE embedded system offers a wide choice of I/O interfaces, including one 6-in and 2-out isolated DIO, two DB9 RS-232/422/485, four USB 3.0, two USB 2.0, one VGA, one DVI-D, one HDMI, one audio (Line-out & MIC-in), and 8 PoE ports. The fanless box PC uses the industry-grade Phoenix type power connector plug and supports a 24VDC power supply. The ignition power control feature is available upon request. The eBOX671-517-FL supports Windows® 10 IoT and Linux operating systems and supports Axiomtek's exclusive AXView software for smart device monitoring and remote management in IoT world.

Axiomtek's eBOX671-517-FL is now available for purchase. For more product information or pricing, please visit our global website at www.axiomtek.com or contact one of our sales representatives at info@axiomtek.com.tw.

Advanced Features:

- 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W/65W) and Intel® Q170
- 8-CH PoE/GbE onboard
- 2 front-access SIM slots
- Supports 6-in/2-out isolated DIO
- Extended operating temperature
35W Tj=100°C CPU: -40°C to +70°C (-40°F to +158°F) with W.T. SSD
65W Tj=100°C CPU: -40°C to +55°C (-40°F to +131°F) with W.T. SSD
35W Tj=80°C CPU: -40°C to +50°C (-40°F to +122°F) with W.T. SSD
- Optional ignition feature supported

