

Acromag combines more than 50 years of process monitoring and control experience with a solid background in high-tech computer design. Established in 1957, Acromag built its reputation designing critical measurement instrumentation equipment for the petrochemical and aerospace industries. Acromag, Inc. was soon recognized internationally as a leading designer of analog and digital control products for the industrial I/O market.

Contact Davis Controls today to see how we can find a Acromag product solution for your industrial application.



IOS-7400: Industrial PC with Plug-in I/O



Industrial I/O Server (utilizing the Intel® Atom® N270 1.6GHz CPU) is a rugged industrial PC with truly integrated support for user I/O. A built-in carrier card interfaces up to four plug-in I/O modules to the CPU. The embedded computer supports video, audio, Ethernet, serial, and USB devices. A wide variety of I/O modules provides mix and match flexibility, high channel density, and a clean cable interface.

The I/O Server's fanless design employs advanced thermal technology and high-performance components to accommodate a wide operating temperature range -30 to 75°C. Conduction cooling plates and thermal pads wick internal heat away to the aluminum enclosure where external cooling fins dissipate the heat.

Units are shock/vibration resistant and sealed to IP40 standards to ensure long term reliability in a variety of applications.

This combination of an industrial PC with fully integrated I/O offers a compact, yet powerful monitoring and control solution. Unlike many box PC systems that offer few I/O connection options or limit you to a single PC104 card, Acromag's I/O Server brings I/O modules inside the chassis. A tight footprint is maintained, four plug-in I/O modules of any mix are supported, and high density connectors provide clean signal wiring.