

**\*\* FOR IMMEDIATE RELEASE \*\***

## **ACCES I/O Products Introduces the Smallest, Fanless Intel® Core™ Duo Embedded System with Industrial PC/104 I/O Expansion**

*Embedded System Conference Boston Press Release—ACCES I/O Products, Inc.—Booth 213*

SAN DIEGO, Calif.—September 19, 2007—[ACCES I/O Products Inc.](#), a leader in cost-effective and easy-to-use data acquisition products, introduces the NANO I/O Server CD (Core Duo). Announced at the Embedded Systems Conference Boston, this fanless system is one of the smallest embedded systems available featuring an Intel Core Duo 1.66GHz CPU. The system was designed to support an extensive collection of available COTS PC/104 modules and external USB I/O devices. This allows for added versatility and is useful in a wide variety of applications.

The system is housed in a rugged, black anodized aluminum enclosure measuring only 5” wide, 6.25” deep and 3” high. The enclosure offers physical protection for industrial environments and features a bulkhead mounting provision. The unit is quietly powered by an included 12VDC to ATX power supply with no fans. External connections provided include VGA, four USB 2.0 root ports, one RS-232 and one RS-232/422/485-selectable COM ports, PS/2 keyboard and mouse, 10/100 Ethernet and standard PC sound. This tiny system is the first fanless Intel Core Duo to highlight full PC/104, PCI-104 and PC/104-Plus I/O expansion.

The NANO I/O Server CD has almost twice the performance of a 1.8 Pentium M CPU processor commonly used in other small embedded systems but with far less wattage. The NANO sized system is passively cooled but still provides performance equal to more than ten times the benchmark comparison of any other NANO-ITX sized motherboard system. The system internally supports either a laptop SATA or IDE 2.5” hard drive or a Compact Flash card. The small system has room to support up to two PC/104, PCI-104 or PC/104-Plus I/O modules. A removable plate can be customized to bring out customer-specified I/O cables or connectors. Input to the 12VDC ATX power supply is provided by a standard laptop-type plug receptacle so that a standard external AC brick to 12VDC power supply can be used to avoid excess heat within the system.

Key features include:

- Intel Core Duo 1.66GHz fanless computer
- Small size—only 5” W x 6.25” D x 3” H (127mm x 159mm x 76mm)
- 2.5” laptop drive mount
- Accepts two PC/104, PCI-104 or PC/104-Plus I/O boards
- Flush side opening for Compact Flash card
- Rugged, black anodized aluminum enclosure
- Rear I/O panel (custom openings)
- Front mounting of computer connections
- 12VDC to ATX 120W P/S with front power switch and LED

The NANO I/O Server CD offers the most powerful embedded computing for COTS I/O in a rugged, quiet, cool, tiny package. The design is excellent for use in applications such as mobile data acquisition and control, robotics, military and defense, and avionics where both performance and size matter.

*~more~*

ACCES I/O Products, Inc. supplies an extensive range of analog, digital, serial communication, and isolated I/O boards and solutions. ACCES also offers complete systems, integration services and enclosures with a quick turn-around on custom projects including software. ACCES products are designed for use with PC/104, PCI, PCI-X, Low Profile PCI, EBX, ETX, EPIC, USB, Ethernet and ISA, as well as distributed and wireless I/O. All hardware comes with a 30-day, no-risk return policy and a three-year warranty. For further information, visit the company's web site at [www.accesio.com](http://www.accesio.com).

**Price:** Systems start under \$1,500  
System pricing dependent on choice of memory, disk media and I/O boards selected  
(OEM and volume pricing available, consult factory)

**Availability:** Now

**Delivery:** 2-4 weeks ARO

For Further Information, Contact

Chris Persidok  
Marketing Manager  
ACCES I/O Products, Inc.  
10623 Roselle Street, San Diego, CA 92121  
Tel: 858.550.9559 • FAX: 858.550.7322  
E-mail: [cpersidok@accessio.com](mailto:cpersidok@accessio.com)  
URL: [www.accessio.com](http://www.accessio.com)

Agency Contact  
[PR@welcomm.com](mailto:PR@welcomm.com)



ACCES I/O Products Introduces the Smallest, Fanless Intel® Core™ Duo Embedded System with Industrial PC/104 I/O Expansion (Model NANO I/O Server Core Duo)

 **ACCES**  
I/O PRODUCTS, INC.