



**FOR IMMEDIATE RELEASE**

For more information contact:

Michele Morris

Email: [michele@gateworks.com](mailto:michele@gateworks.com)

Phone: (805) 461-4000

Fax: (805) 461-4001

## **Gateworks Corporation Introduces New Member to the Avila Line of Network Computer Boards.**

ATASCADERO, CALIFORNIA – November 30, 2004 - Gateworks Corporation, a leading provider of OEM computer solutions, today introduced a new member to the Avila line of network computer boards. The latest member, the GW2345 features an Intel® XScale® IXP425 network processor running at 533MHz and a Micrel® Kendin® KS8995MA 5-port 10/100 BaseTX managed switch. Other features include four Type III Mini PCI slots, up to 128Mbytes SDRAM, 5 bits digital I/O, USB port, real time clock (RTC), wide input voltage DC/DC converter, passive Power over Ethernet (PoE), watchdog timer, voltage/temperature monitor and a RS232 port for management and debug. Program storage consists of up to 32Mbytes of on-board Flash memory and a CompactFlash expansion socket.

Avila single board computers are the ideal solution for low cost, high-performance, wired and wireless network routers, backhaul repeaters, switches, bridges, access points and concentrators. All family members are based on the Intel® XScale® IXP42x network processors. The boards have been designed with a rich feature set allowing OEMs to quickly build cost effective, high-performance network infrastructure components utilizing the latest technology.

The Intel IXP network processors have been designed for the most demanding networking applications and combine a high-performance Intel XScale core with additional network processing engines (NPEs) to achieve wire-speed packet processing performance. Additionally, the IXP processors include integrated hardware acceleration of popular cryptography algorithms (SHA-1, MD5, DES, 3DES, AES) for wireless and VPN applications that require a high level of security.

Supported operating systems include Linux, VxWorks® and Windows® CE.Net. The board is pre-configured with Redboot Boot-Loader v1.92 that allows for Flash updating and networking booting. A development kit is also available which includes a parallel port JTAG Flash programmer, AC/DC wall power transformer, passive PoE power injector, a complete cable set and a Linux software development CD.

Pricing for the GW2345 starts at US \$298 in OEM quantities. The board is available now.

### **About Gateworks Corporation**

Gateworks Corporation is a leading provider of network computers for supporting wireless network infrastructures. Gateworks network computer products cover a broad range of applications from customer premises equipment to backhaul repeaters, switches, access points and concentrators. Gateworks provides the hardware to allow WISP's to develop unique and custom solutions to address their customer's needs. For more information on Gateworks Corporation and its services, call (805) 461-4000, or visit the company's web site at <http://www.gateworks.com>