



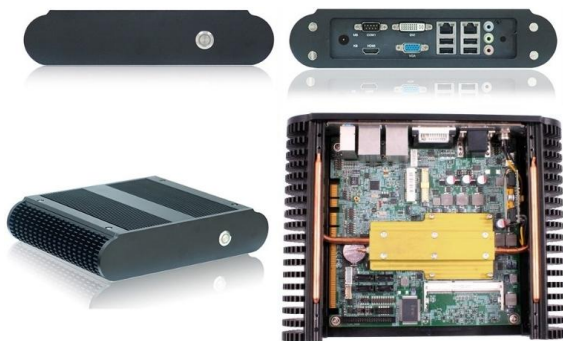
PRESS RELEASE
FOR RELEASE January 24, 2013

Conduction Cooled Intel Quad Core i7 CPU in a Sealed Intelligent System

CIF-5917 Offers Dual GigE, High Density of Features Plus Dual MiniPCIe for Application Specific Expansion

Santa Clara, California — January 24, 2013 — Today at the Real-Time & Embedded Computing Conference, Cadia Networks, an innovative global supplier of application specific board level products and systems for a wide range of embedded computing applications, introduced its latest fanless intelligent system. The CIF-5917 is a conduction cooled small form factor platform utilizing Intel's 3rd generation Ivy Bridge processors including the Quad Core i7 mobile and embedded CPUs. Using Intel's integrated HD Graphic 4000 with DirectX 11 capability and Intel Quick Sync Video hardware video encoding and decoding support, this system is ideal for any high performance and/or media-intensive applications. The fanless CIF-5917 embedded system supports Core i5 and Core i7 processors with Intel vPro technology, enabling features like Intel Active Management Technology, Trusted Execution Technology, and Virtualization Technology for secure and centralized remote management capabilities. The dual Ethernet ports also make it a great choice as a network appliance or network security appliance. The miniPCIe sites provide a high degree of configurability for a vast number of applications well beyond just the addition of WiFi, 3G and SSD boards. Mini PCIe modules are now available with 1553, CAN Bus, Video Capture, DAQ, Frame Grabbers, Firewire, FPGA Modules, Serial Ports and many more. Our sealed fanless conduction cooled packaging ensures maximum heat dissipation and makes it dust proof, thus allowing this intelligent system to operate in more extreme environments.

Built with the Intel QM77 chipset, the CIF-5917 system is not only compatible with the 3rd generation Ivy Bridge Core processors, but is also compatible with 2nd generation Sandy Bridge Core processors and QM67 chipset options. Whatever the application, be it industrial automation, digital signage, network security, point of sale, transportation, M2M or even digital surveillance, this high performance fanless Intel 3rd Gen Quad-Core i7 Ivy Bridge Dual NIC system is designed to be reliable, secure and easy to manage.



Product Features

- Highly Efficient Proprietary ICEFIN™ Fanless Design
- Vent-hole Free Construction for Dust Resistance
- QM77 Chipset Supports 3rd Generation Intel® Core™ I5/I7 Processors
- Dual Gigabit Ethernet
- Dual Mini-PCIe Expansion with SIM Socket for Wifi and 3G/4G Modules
- External HDMI + DVI-D + VGA Ports Support Dual Display Configurations
- Ivy Bridge Processors Supporting Intel ® AMT Release 8.0

Click Here for a Demo: [CIF-5917 Graphics Performance](#)

This demonstration shows the graphics performance of the CIF-5917 with a Core i7-3740QM Quad core 3rd Gen Ivy Bridge CPU running Windows 8 and using software provided by the Windows Presentation Foundation (WPF). The parameters of the demonstration are two independent displays at full 1080p HD resolution. Industry standards dictate that the ideal capable system should have two full HD WPF video renderings running simultaneously and complete the video clip in 15 seconds. Additionally, the video performance is further displayed when rendering a full 1080p HD video clip using Intel's Quick Sync, which helps significantly in encoding and decoding video. The results show that using Quick Sync produced a higher quality export almost four times faster than the time of a non-accelerated export profile. Even after these CPU and graphic intensive tests, the fanless CIF-5917 was operating well within normal operating temperatures.

About Cadia Networks

Based in Southern California, Cadia Networks is an innovative supplier of embedded computing solutions based on a broad range of application specific board level products and systems. We serve a variety of vertical markets and applications such as Point-of-Sales, M2M Intelligent Gateway, Network Appliances, OPS Modules, Media Servers and Digital Signage. The majority of our products are built around open industry standards such as PC/104, PC/104-Plus, EPIC, QSeven and MiniITX.

The founding principals of Cadia Networks each have over 25 years in the embedded computing market. Their senior level executive management experience allows Cadia Networks to engage in a wide range of business opportunities with great depth. We offer standard off-the-shelf products, and can consult on conceptual designs in the early stages of development.

For further information, please visit www.cadianetworks.com or call +1-949-945-5534.

Cadia Networks Media Contact:

Director of Marketing
marketing@cadianetworks.com
Direct: +1-949-945-5534

Copyright ©2013 Cadia Networks. All rights reserved. The Cadia Networks logo is a trademark of Cadia Networks. All other company and product names mentioned herein may be trademarks of their respective companies.

#