



BLACK DIAMOND
ADVANCED TECHNOLOGY

www.bdatech.com
www.switchbackpc.com

p. 480.247.8700

7450 S. Priest Dr.
Tempe, AZ 85283

Press Contact:
Shoba Vaitheeswaran
480.247.8700
ext 202
shoba@bdatech.com

For Immediate Release

SWITCHBACK-PC FEATURED ON INTEL® THEMED MOTORCYCLE BY ORANGE COUNTY CHOPPERS

**Black Diamond Advanced Technology To Develop and Integrate
Rugged Computing Platform on The Intel® Chopper**

April 3, 2007—Embedded Systems Conference, San Jose, CA, INTEL Booth #916—Black Diamond Advanced Technology (Black Diamond), a technology development firm specializing in the design and implementation of rugged electronic systems, today announced its engineering support and its SwitchBack PC in a project to create a fully computerized Intel® themed motorcycle by Orange County Choppers.

The motorcycle was unveiled today at the Embedded Systems Conference in San Jose, CA. Black Diamond's SwitchBack UMPC (Ultra Mobile PC), based on an Intel® processor, serves as the "detachable dashboard" and fully computerizes processes on the motorcycle such as keyless ignition and electronically controlled kickstand activation.

For the first time, this specially customized SwitchBack PC features a custom module that allows for easy portability of the computer, which is mounted between the handlebars on the motorcycle.

The SwitchBack PC that provided unlimited mobility combined with ruggedability was able to meet the stringent requirements needed to withstand the ride on a chopper. The SwitchBack is designed to meet military specifications to endure shock, vibrations, dirt, water and extreme temperatures.

"We were enthusiastic about working with Intel and Orange County Choppers on the full integration of our system onto the bike," said Justin Dyster, President of Black Diamond. "This project serves to demonstrate that the limits to what the SwitchBack technology platform can do in unconventional applications are boundless."

"The computerized motorcycle provides an opportunity to showcase all of Intel's strengths in embedded technology," said Steve Reed, director of industry, marketing, Embedded and Communications Group, Intel. "It's a great way to demonstrate what technology can do today, and how users want to enjoy the computing experience."

In addition to functioning as a full-blown PC, the SwitchBack controls and monitors the chopper and integrates with its electronic subsystems. The Intel® Chopper concept bike includes the follow enabled by the SwitchBack:

- ignition system controlled by fingerprint recognition software
- a sunlight viewable digital dashboard with infotainment system
- rear-mounted cameras that replace standard rear-view mirrors
- an electronically controlled kickstand
- audio and video systems integrated with the handlebars and headset in the helmet
- wireless connectivity including Bluetooth, Wi-Fi and GPS

About The SwitchBack PC

Intended for use in harsh environments, the SwitchBack-PC is the world's first rugged UMPC. Weighing in at 3 pounds, the SwitchBack (7.5" x 5.5" x 2") utilizes a 1.0 GHz Intel® Celeron® M processor, 1GB of 400 MHz DDR2 and can run Windows XP, Vista, CE, Mobile or Linux, packing the power of a desktop PC in a lightweight, handheld rugged form factor. The intelligent design of the SwitchBack platform includes flexible Kontron technology, which allows it to leverage future versions of processors.

The SwitchBack's advanced feature set answers the demands of users working in the field or in harsh environments. It's equipped with a sunlight viewable touch screen and wireless capabilities such as Bluetooth 2.0, WiFi b/g and GPS. The computer is encased in a magnesium housing, reinforced with rubber isolators and utilizes solid-state hard drives from STEC in order to sustain extreme temperatures and vibration.

Patent-Pending BackPack Technology

The SwitchBack's patent-pending BackPack Technology can be used to extend functionality by adding additional hardware, devices or connector interfaces to the back of the computer.

This technology allows the user to securely attach a module (standard or custom) onto the back of the SwitchBack. The BackPack interfaces to the computer through a special ultra-wide, ultra high-speed connection to the Switchback. This allows the user to incorporate multiple devices into a single BackPack such as a digital camera, scanner, an RFID reader or any combination of I/O options. The SwitchBack architecture is so flexible almost any electronic peripheral can be designed to interface with it.

Examples of BackPack Modules that can be easily added to the SwitchBack are, but are not limited to:

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| ✓ Graphics accelerator cards | ✓ Joystick controllers, UAV control modules |
| ✓ Biometric readers | ✓ Additional USB, Serial, PS/2 or Ethernet |
| ✓ Magnetic-stripe readers | ✓ HDTV and sound outputs |
| ✓ Custom communication devices | ✓ Wireless WAN (WWAN) technology |
| ✓ Barcode or RFID Scanner | |
| ✓ Digital cameras, thermal imagers | |

About Black Diamond Advanced Technology

Black Diamond Advanced Technology (Black Diamond) is an advanced technology development firm that specializes in the design and implementation of rugged electronic systems. With an extensive background in electrical, mechanical and systems design for the military, the Black Diamond engineering team serves clients in the military, industrial and commercial markets. Black Diamond specializes in creating sophisticated custom electro-mechanical products for the use in the most complex, rugged environments, ranging from electronics packaged in missiles and artillery to highly customizable, next generation rugged mobile computing solutions. Visit us on the Web at www.switchbackpc.com.

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