



**25th July 2009 – FOR IMMEDIATE RELEASE**

## **Merrick1 – ASIC Prototyping and High Performance Computing Solution**

**Boards for ASIC Prototyping and High Performance Computing processing often come at a heavy cost. Merrick1 is the first of a new family of boards that exploits low cost Spartan™ FPGAs to offer a cost effective alternative solution for these markets.**

Merrick1 is based on a 10 x 10 array of XC3SD3400A FPGAs. This array is backed up with a high performance XC5VLX30T FPGA offering high speed external world connections that facilitate multiple boards stacks.

Targeting the ASIC Prototyping market the product offers a unique approach to IP building. Where conventional boards usually rely on a systems architect to build IP for several team members into a single, or small number, of large devices the large array of Merrick1 allow individual IPs to be allocated to individual FPGAs and/or small groups of FPGAs. This brings the benefit of a fast rebuild of a test product shortening ASIC development times.

Using Merrick1 as a High Performance Computing (HPC) solution it offers a unique cost effective approach to Biometric Analysis, Data Mining, Financial Analysis, and Image processing. The cost effective nature of the board will allow stacks of up to 10,000 boards as a viable solution to Super Computer type tasks.

Merrick1 will be available as a base for customer specific variants. The modular nature of the array allows the removal of the array and the replacement with custom electronics interfaces.

'The ability of Merrick to offer 1600 I/O connections from the main array to the outside allows a lot of connection options for customers. I also pleased to be able to offer custom solutions in as low as a 4 week delivery which is almost unique in the industry given the complexity of this board.' says John Adair managing director of Enterpoint.

He also says 'I'm also pleased that our new board rental and time rental schemes are launching with board. The ability to avoid capital expenditure and extra bank borrowing will be welcomed by many of our customers hit by the credit crunch.'

Merrick1 is available to order immediately and will be showing at 46<sup>th</sup> DAC in San Francisco this week.

For further information, please contact [boardsales@enterpoint.co.uk](mailto:boardsales@enterpoint.co.uk)

Ends

Contact information:

John Adair – Technical Director  
T: 01684 585262  
E: [boardsales@enterpoint.co.uk](mailto:boardsales@enterpoint.co.uk)  
[www.enterpoint.co.uk](http://www.enterpoint.co.uk)



**Enterpoint Limited**  
**Unit 4, Malvern Hills Science Park, Geraldine Road, Malvern, Worcs WR14 3SZ**  
[www.enterpoint.co.uk](http://www.enterpoint.co.uk)