**Supports the following Intel® Core™, Atom™, Celeron®, and Xeon® Processor Families**

# Arium LX-1000e for Intel Trace Port Analyzer

The Arium LX-1000e for Intel® trace point analyzer (TPA) is a modular design supporting numerous Intel devices.

The LX-1000e for Intel comes standard with 2 GBytes of trace memory. The trace capture engine traces instructions/data at rates up to 680 MHz. The LX-1000e for Intel represents the fastest trace port analyzer on the market, giving ASSET InterTech customers a valuable investment to support future devices. Arium LX-INT supports Intel processors and provides JTAG run control. Supports LBR, BTS, AET and Intel Processor trace. Communication interfaces include USB 2.0 and 10/100/Ge Ethernet. Trigger in/out is also standard.

The power of the Arium LX-1000e for Intel Trace Port Analyzer is unleased when connect to the SourcePoint debugger. Go to our website for more information on SourcePoint for Intel.

ASSET InterTech tracks Intel roadmaps supporting the latest processor offerings.

## Key Benefits

• **Fastest Trace Capture Rate in the Industry** - The Arium LX-1000e for Intel TPA offers real-time trace with a 680 MHz acquisition rate for faster detection of software and firmware bugs.

• **Integrated & Intuitive** - The Arium LX-1000e for Intel TPA, when combined with SourcePoint software debugger, delivers a highly integrated, intuitive environment designed to help you minimize iterative steps and shorten your debug cycle.

• **User-friendly** - The Arium LX-1000e for Intel TPA is easy to install and configure. Downloads are fast. And the debugging solution is reliable.

• **Flexible** - The LX-1000e for Intel works with multiple Intel processor cores on both Microsoft Windows and Linux hosts.

• **Fully Supported** - All ASSET InterTech prodcuts are fully supported by our highlytrained staff of applications engineers.

**Contact Information**
*For more information, contact:
ai-info@asset-intertech.com

## Intel Debug Support:
• Works in real-time (maximum device frequencies)
• Instruction execution trace (LBR, CAR, DRAM, LX-1000e RAM)
• Multi-processor support (SMP)
• Source code/symbolic debug for popular C tool chains
• Breakpoints (hardware, software, SMM, special cycles, reset, trigger in/out)
• Streaming SIMD Extensions 2 (SSE2) support
• Address translation (real, virtual-86, bigreal, protected, SMM)
• Access to all registers

## PC Host Requirements

• PC host (Intel or AMD processor)
• Microsoft Windows 7 or Linux
• SVGA monitor (1024 x 768 or higher)
• 60 MB hard disk space, 128 MB RAM
• 10/100/Ge Base-T Ethernet or USB 2.0

## Specifications

**Environmental**
32-90° F (0-31° C)
Maximum humidity - 85%

**Communications**
10/100/1000 Base-T Ethernet
USB 2.0

**Download Speed**
>100 MBytes/sec

**BNC Trig In**
>50 Ohm, 155 ns maximum delay

**BNC Trig Out**
>50 Ohm, 125 ns maximum delay

**JTAG**
1 KHz - 40 MHz

**JTAG Logic Levels**
1.2 - 3.3 nominal

**Dimensions (inches)**
(W) 5.25/13.34
(L) 5.5/13.97
(H) 1.63/4.14

ASSET InterTech is a proud member of the Intel Embedded and Communications Alliance, and for over 15 years has teamed with Intel Corporation to develop tools to support Intel® processors.