DATA SHEET
Xi3® Modular™ Computer

Xi3 Modular Computer 5 Series model only needs 20 Watts* of power to operate, a mere 20 percent or less of the electrical requirements of most computers. Such low power needs make the Xi3 Modular Computer (5 Series model) one of the most eco-friendly or green computers on Earth. This combination of lower electricity usage and significantly lower acquisition costs creates an incomparably low TCO (Total Cost of Ownership).

easily attached to virtually any surface, easily mounted in standard server racks, or embedded within a variety of larger systems.

Benefits
- **Easily modifiable & upgradable**
- **Extended useful life** (6-10 years)
- **Extremely low energy use** (20 Watts*)
- **Significant TCO savings vs. standard PCs**
- **Incredibly small footprint**
- **Runs x86-based operating systems & software**
- **Ideal for desktop, enterprise & embedded applications**
- **TPM Chips optional**

DIFFERENT BY DESIGN
The cube-like Xi3® Modular™ Computer is clearly different than any other computer on the planet. And yet, the differences extend deeper than just its incredibly small size or unique shape. In fact, we started over when it came to designing the Xi3 Modular Computer, an effort that gave birth to the Xi3 Computer Architecture. This entirely new computer standard allowed us to take the classic motherboard and break it into three significantly smaller, yet interconnected boards: the CPU board and two I/O boards.

AMAZINGLY ADAPTABLE
When joined together in a block-U shape, these three boards provide robust computing functionality with a twist. Specifically, they can be easily replaced, updated and/or upgraded. This "building block" approach not only provides the basis for the term modular computer, but it also makes it possible to extend the useful life of the Xi3 Modular Computer to six, eight, or even 10 years instead of today's standard of 3-5 years.

ENORMOUSLY ECONOMICAL
The result is significantly lower acquisition costs over time, especially over a 5- to 10-year period. Additionally, the

POWERFUL PERFORMANCE
Economy does not mean you sacrifice performance, however, as the Xi3 Modular Computer (5 Series model) is powered by a dual-core AMD processor running at either 2.2GHz or 1.8GHz that launches the latest version of Windows® in less than 25 seconds. In fact, the optimized design of the Xi3 Modular Computer means that owners will see similar, if not improved, performance when using any x86-based operating system.

STYLISHLY SMALL
The irresistibly small, sleek casing of the Xi3 Modular Computer creates a tiny, yet eye-catching footprint on any desktop. You can even swap-out the original casing for one of a different color altogether. The casing also uses the patented Xi3 building block approach. This allows the machine to be

DISCOVER THE POWER OF X
For a complete list of specs on the Xi3 Modular Computer (5 Series model), see the reverse side of this data sheet or visit our website at www.Xi3.com to learn more about the benefits of the Xi3 Modular Computer and the Xi3 Computer Architecture.

* Energy use cited represents typical usage and may vary based upon configuration.

The shape of the three-sided single piece casing, the end plate, and the overall shape of the Xi3 Modular Computer, as well as Xi3, Modular and Xi3 Modular are trademarks and unique trade dress of ISYS Technologies, Inc. ISYS and ISYS Technologies are service marks of ISYS Technologies, Inc. All other trademarks are the property of their respective owners. Xi3 Corporation is a subsidiary of ISYS Technologies, Inc.

Xi3|Corporation
www.Xi3.com

DATA SHEET
Xi3® Modular™ Computer 5 SERIES

OVERVIEW:
Xi3 Modular Computer with a dual- or single-core 64-bit, x86-based processor supported by the 780E NorthBridge and SB710 SouthBridge chipsets, with dual 2560 x 1600 display outputs.

5A Dual Core Processor Board (No. CPU-5A-C21)
X5A-5342-US ← Options →

Processor/Socket: Dual-core 64-bit 3400e
Speed: 1.8GHz
Memory: 2GB DDR2
L2 Cache: 1MB
Power: 20 Watts
Interface: HT3-1GHz

5A Single Core Processor Board (No. CPU-5A-C21)
Processor/Socket: Single-core 64-bit 2000+
Speed: 1.0GHz
Memory: 2GB DDR2
L2 Cache: 1MB
Power: 8 Watts
Interface: HT3-1GHz

Primary I/O Board (Model No. PIO-5A-M62)
General Specs:
eSATA 3.0, 2.5 and 1.5 support
USB 2.0 support
PMC Optical Interface
Internal Storage: 16GB mSATA SSD
(up to 128GB) SSD Quick Boot (Linux or Windows)
TPM chips optional

External Connectors:
2 – eSATA 2.5 Ports
6 – USB 2.0 Ports (root hubs)
3 – Reconfigurable Audio channels
        (1-3, Microphone, Headphone and/or
        Line-in/Line-out)

Internal Connectors:
1 – USB 2.0 Connector
1 – Fan Connector

Secondary I/O Board (Model No. SIO-5A-G20)
General Specs:
DirectX Support: DX10
Open GL: v2.0
Video Decode: UVD 2.0 – VC-1, MPEG2, MPEG4
HDCP: v1.3b (up to 1080p)
Side-Port Memory: 128MB (DDR2-800)
DP/DVI: 1080p, with Digital Audio (HDMI optional)
Max Resolution: 2560x1600 @ 32bpp (dual output capable)
Dual Display Standard: DVI-DL + VGA, DVI-DL + DP, VGA + DP (HDMI converter optional)

External Connectors:
1 – Ethernet connector (10/100/1000)
1 – Display port (DP/DVI, HDMI optional)
1 – Display port (DVI-DL + VGA, DVI-DL + DP, VGA + DP)
1 – Power connector (12-24 volts DC @ 3.30amps)

- **External Size: 4.270" x 3.656" x 3.656"**
- **Integrated Power Management Controller**
- **Operating Temp: 32F – 140F**
- **Non Operating Temp: ≤ -4F – ≥ 158F**
- **Elevation: ≤ 10,000 Ft**
- **Phoenix Legacy BIOS**
- **Warranty: 3-year depot**

Xi3 Modular Computer Part Numbers:
902-0002-001: Gray chassis, dual-core 1.8GHz, 2GB DDR2 RAM, 32GB SSD, Win7 Pro
902-0003-001: Gray chassis, dual-core 1.8GHz, 2GB DDR2 RAM, 64GB SSD, Win7 Pro
902-0004-001: Gray chassis, dual-core 1.8GHz, 2GB DDR2 RAM, 128GB SSD, Win7 Pro
{NOTE: Other configurations available.}

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