

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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GA-G41MT-ES2L (rev. 1.0) rev. 1.3 rev. 1.1







- Revolution energy saving design with Easy Energy Saver technology
- Supports 45nm Intel® Core™ 2 multi-core processors with FSB 1333 MHz
- Integrated Intel Graphics Media Accelerator X4500 (DirectX 10)
- Features high speed Gigabit Ethernet.
- Home theater quality 8-channel High Definition Audio7
- Patented DualBIOS with dual hardware BIOS protection
- Compatible with Window 7 to deliver the best operation experience
- Meet European Union ErP(Energy-related Products) requirement

Introduction

The GA-G41MT-ES2L based on the Intel G41 chipset supports the latest Intel 45nm CPUs, creating a powerful multi-media platform which allows users to do more at once. At the heart of the Intel G41 Express chipset is the Intel X4500 graphics media accelerator, which support DX10 and features several unique innovations including more Execution Units for enhanced 3D performance and Intel Clear Video Technology for sharper images and precise color control.

On/Off Charge Technology

GIGABYTE On/Off Charge technology allows you to charge your iPhone, iPad and iPod Touch regardless of whether your PC is on, in standby mode or even off. A derivative of GIGABYTE's highly acclaimed 3x USB Power feature, On/Off Charge enables devices to draw more current from GIGABYTE motherboard USB ports than standard USB ports allow, so that charging from your PC can be as fast as with a charger...more

*Due to certain mobile phone limitations, users may need to connect the mobile phone to their PC before the PC enters S4/S5 mode to enable a quick charge from non On/Off Charge USB ports. Charging results may vary by model.

*Whether to support 3X USB power design, it may vary by models.

Download On/Off Charge for Free

Intel® IT Director

• A simple dashboard utility for non-technical Small Business owners
• Improves security and data protection with Intel platform technologies
• Improves efficiency through central monitoring of key alerts
(IT Director utility is free bundle in GIGABYTE driver CD!)

Smaller, Faster and More Efficient

GA-G41MT-ES2H motherboards paired with Intel 45nm CPUs deliver the very best platform for multitasking, multimedia and high performance gaming. Not only do GIGABYTE's latest motherboards based on Intel Eaglelake chipsets all support Intel's new generation, 45nm multi-core processors.

GIGABYTE innovative technology- Easy Energy Saver

GIGABYTE innovative technology- Easy Energy Saver Featuring an advanced proprietary software design, GIGABYTE Easy Energy Saver is able to dynamically adjust CPU power depending on workload, delivering just the right amount of power needed for the task. Coupled with Intel's highly efficient 45nm CPU's, Easy Energy Saver is able to provide exceptional levels of power savings and enhanced power efficiency without sacrificing computing performance.

50,000 Hours Japanese Solid Capacitors (CPU Power Zone)

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GIGABYTE Ultra Durable motherboards are equipped with solid capacitors developed by leading Japanese manufacturers. With an average lifespan of 50,000 hours, these solid capacitors provide the stability, reliability and longevity essential to meet the power needs of high-end processors and other components running today's most demanding applications and games.

* 50000 hours of work time is calculated at 85℃ ambient temperature.

Intel GMA X4500

Intel Graphics Media Accelerator X4500 support Microsoft DirectX10, Intel® Clear Video Technology, which enable smoother HD playback. The 3D enhancement of GMA X4500 also highly improves the realism and graphics performance for mainstream gaming. Through the support of DVI and HDMI (with HDCP), Intel GMA X4500 brings the ultimate multimedia experience.

Intel® Clear Video Technology

Intel® Clear Video Technology delivers enhanced video playback, sharper images, and precise color control for a premium visual experience...more

DualBIOS™ - Patented Dual Hardware BIOS Protection



DualBIOS™ is a GIGABYTE patented technology that automatically recovers BIOS data when main BIOS has crashed or failed. Featuring 2 physical BIOS ROMs integrated onboard, GIGABYTE DualBIOS™ allows quick and seamless recovery from BIOS damage or failure due to viruses or improper BIOS updating.

EasyTune6

GIGABYTE has completely redesigned EasyTune6 from the ground up to make it easier than ever to manage and monitor your hardware resources as well as tweak your system settings in order to achieve maximum system performance. Whether you are an overclocking enthusiast, or a computer novice, EasyTune6 provides the tools you need to quickly and effortlessly fine tune your system.

SATA 3Gb/s storage interface

SATA 3Gb/s doubles bus bandwidth from 1.5Gb/s to 3Gb/s. SATA 3Gb/s facilitates bandwidth aggregation for multiple devices, enabling max through put as well as, higher cache through put performance in single drive configurations.

Gigabit LAN connectivity

The Gigabit network interface delivers a high speed LAN connection with data transfer rate up to 1000Mb/s, providing new generation connectivity for the broadband era. Gigabit LAN is ideally for seamless internet connection such as streaming audio and video contents

Windows® 7 WHQL Certified

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The motherboard has obtained WHQL (Windows Hardware Quality Labs) certification for Windows 7 from Microsoft®, setting the standard for future...more

ErP Lot 6 support



The ErP (also known as Energy-Related Products Directive) is part of the European Union's environmental regulations policy. It is based on concern for the environmental as the proliferation of electronic devices continues, and how to improve energy efficiency for a better and greener life. GIGABYTE supports ErP and produces motherboards that help you effectively improve system efficiency.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

* The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.
* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.
* All trademarks and logos are the properties of their respective holders.
* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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