ComX Computers
Product Specification Sheet

MS-E350IA-E45

MSI E350IA-E45 Integrated Motherboard

Product Overview

MSI E350IA-E45 Integrated Motherboard, 8CH Audio with SPDIF/Coax, HDMI, GB LAN, ATI 6150 VGA 1xPCI-e 16X (4x), 2x DDR3 1333, 4xSATAIII



Specifications

Features:

SATA 6Gb/s
SATA 6Gb/s provides double the bandwidth of traditional SATA 3Gb/s, and increases the data transfer rate between your mainboard and internal storage devices, such as 7200RPM HDDs, 10000RPM HDDs and SSDs. It's also the current trend for upcoming high-speed internal storage devices to to break the existing bottleneck of a PC's performance.

M-Flash
Compared to common mainboard which need extra BIOS chips, MSI's M-Flash has a double advantage which doesn't need extra components and secondly, all your BIOS data will be saved in the USB drive. The stored data does not only have backup and upgrade function, moreover it can also be seen as a portable BIOS chip which is actually able to boot up your PC.

All Solid Capacitors
Capacitors are the most important component for electronic product's power supply. The quality of the capacitors can impact the stability of the entire system and risk of product failure. Currently there are two types of capacitors, electrolytic capacitors and solid capacitors. Compared to electrolytic capacitors, solid capacitors have a longer lifespan, and provide a more stable power under high temperatures. More importantly, solid capacitors do not have any liquid materials inside, and thus will not suffer a leak which would infringe upon the product's stability. With such benefits is it no wonder that solid capacitors are very important for product quality's improvement.

USB 3.0
Compared to the 480Mbps provided by traditional USB 2.0, the all-new USB 3.0's 5Gb/s offers 10 times the transfer bandwidth, so transferring a Blu-ray movie takes less than one minute. MSI also has implemented a front panel USB 3.0 port, making the use of an external USB 3.0 device even more convenient.

HDMI v1.3
HDMI (High-Definition Multimedia Interface) is new generation fully digital video/audio interface which can transfer 1080p Highi-Definition video and Audio output in single compact connector. By passing HDMI 1.3 certification, this product can

deliver highest video, audio quality and also support HDCP protection of Blu-ray.

Winki 3
Winki 3 is a free Linux-based O/S which is based on the Linux core. With an ultra-fast booting speed and a multi-language interface, the built-in Winki 3 provides an easy-to-use internet environment that includes the most popular functions such as internet surfing, web mail, instant messaging, picture browsing, and more. It's the most practical way to be online in the shortest time.

USB Safeguard
USB Safeguard can prevent mainboards and USB devices from being damaged by short-circuit and ESD (Electro-Static Discharge) with Anti-ESD chips built-into the mainboards. Additionally, the safeguard can protect against such dangers multiple times, and greatly improves product lifespan.

i-Charger
Mobile consumer appliances are getting more and more attention in current day fast moving life style, with smart phones and tablets almost becoming a fashion accessory. However, many ordinary personal computers cannot charge some of these devices, making it difficult to stay connected. The MSI i-Charger is a Windows resident program capable of revising the power supply mode of your USB port to become more powerful. Once your phone or tablet is connected to your USB port, the i-Charger sends a signal to initiate its charging circuit, making it a really smart and convenient charging solution for mobile computing needs.

Live Update 5
MSI Live Update 5 is a powerful and useful application for updating the latest BIOS and Drivers, saving you time and lowers the risk of updating. End-users can install and run the Live Update 5 software on their computers with the companion CD or downloading the app from the MSI website.

Cool'n'Quiet
AMD Cool'n'Quiet Technology reduces heat and noise so you can experience amazing performance without distraction. Combined with core enhancements, included in the AMD processors, that can improve overall power savings, deliver better multitasking and energy efficiency. Cool'n'Quiet technology can automatically adjust processor ratio to throttle CPU speed with four modes.

Specifications:

CPU (Max Support)	Zacate-FT1 APU
AM3 CPU Ready	N/A
FSB / Hyper Transport Bus	N/A
Chipset	AMD Hudson M1
DDR2 Memory	N/A
DDR3 Memory	DDR3 800/1066/1333* (OC)
Memory Channel	Single
DIMM Slots	2
Max Memory (GB)	8
PCI-Ex16	1
PCI-E Gen	Gen2 (1x4)
PCI-Ex4	N/A
PCI-Ex1	N/A

PCI	N/A
IDE	N/A
SATAIII	4
SATAII	N/A
RAID	N/A
LAN	10/100/1000*1
TPM	1
USB 3.0 ports (Rear)	2
USB 2.0 ports (Rear)	6
Audio ports (Rear)	6+Coaxial/Optical SPDIF
Serial ports (Rear)	N/A
Parallel ports (Rear)	N/A
1394 ports (Rear)	N/A
eSATA	N/A
Display Port	N/A
VGA	1
HDMI	1
DVI	N/A
VGA Max Share Memory (MB)	512
DirectX	DX11
Form Factor	Mini-ITX
DrMOS	N/A
APS	N/A
Sideport Memory	N/A
SLI	N/A
3-way SLI	N/A
Hybrid SLI	N/A
CrossFire	N/A
Hybrid CrossFire	N/A
D-LED2	N/A
Green Power Genie	N/A

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/MS-E350IA-E45-MSI-E350IA-E45-Integrated-Motherboard-p-49153.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-17 15:34:31.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.