



74.95 EUR

incl. 19% VAT, plus [shipping](#)

- All new design of Ultra Durable 4 classic
- Integrated new generation of AMD Dual-Core E-350D APU
- Features DDR3 1333+ for remarkable system performance
- Integrated AMD Radeon HD 6310 graphics (DirectX11)
- 60mm x 60mm quiet and high performance active APU fansink cooling for robust system endurance
- PCI interface for wide-range expansion card selections
- 8-channel ALC887 high definition audio CODEC enables high quality and realistic sound field experience
- Integrated HDMI interface for Full HD 1080 Blu-ray playback with HDCP
- Hi-Speed USB and LPT/RS-232 connectors provide rich connectivity selection for your devices
- Compatible with Windows 8 that delivers the best operation experience
- Meets ErP(Energy-related-Products) requirement

APU

1. Built in with an AMD E-350D Dual-Core processor
2. Built in with an AMD Radeon™ HD 6310 (DirectX 11) graphics core

Chipset

1. AMD A45 FCH

Memory

1. 2 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory (Note 1)
2. Single channel memory architecture
3. Support for DDR3 1333 (O.C.)/1066 MHz memory modules

(Please refer "CPU Support List" for more information.)

Onboard Graphics

Integrated in the APU:

1. 1 x D-Sub port
2. 1 x HDMI port, supporting a maximum resolution of 1920x1200

Audio

1. Realtek ALC887 codec
2. High Definition Audio
3. 2/4/5.1/7.1-channel (Note 2)
4. Support for S/PDIF Out

LAN

1. Realtek GbE LAN chip (10/100/1000 Mbit)

Expansion Slots

1. 1 x PCI slot

Storage Interface

Chipset:

1. 4 x SATA 3Gb/s connectors supporting up to 4 SATA 3Gb/s devices

USB

Chipset:

1. Up to 8 USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)

Internal I/O Connectors	1. 1 x 24-pin ATX main power connector
	2. 1 x 4-pin ATX 12V power connector
	3. 4 x SATA 3Gb/s connectors
	4. 1 x CPU fan header
	5. 1 x system fan header
	6. 1 x front panel header
	7. 1 x front panel audio header
	8. 1 x S/PDIF Out header
	9. 2 x USB 2.0/1.1 headers
	10. 1 x chassis intrusion header
	11. 1 x power LED header
	12. 1 x Clear CMOS jumper
Back Panel Connectors	1. 1 x PS/2 keyboard port
	2. 1 x PS/2 mouse port
	3. 1 x parallel port
	4. 1 x serial port
	5. 1 x D-Sub port
	6. 1 x HDMI port
	7. 4 x USB 2.0/1.1 ports
	8. 1 x RJ-45 port
I/O Controller	9. 3 x audio jacks (Line In/Line Out/Microphone)
	1. iTE I/O Controller Chip
H/W Monitoring	1. System voltage detection
	2. APU/System temperature detection
	3. APU/System fan speed detection
	4. APU overheating warning
	5. System fan speed control (Note 3)

BIOS	1. 2 x 32 Mbit flash 2. Use of licensed AMI EFI BIOS 3. Support for DualBIOS™ 4. PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a
Unique Features	1. Support for @BIOS 2. Support for Q-Flash 3. Support for Xpress Install 4. Support for EasyTune (Note 4) 5. Support for Smart Recovery 2 6. Support for Auto Green 7. Support for ON/OFF Charge 8. Support for Q-Share
Bundle Software	1. Norton Internet Security (OEM version)
Operating System	1. Support for Microsoft® Windows 8/7/Vista/XP
Form Factor	1. Mini-ITX Form Factor; 17.0cm x 17.0cm
Note	(Note 1) Due to a Windows 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than the size of the physical memory installed. (Note 2) To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver. (Note 3) Whether the system fan speed control function is supported will depend on the system cooler you install. (Note 4) Available functions in EasyTune may differ by motherboard model.
Remark	1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website. 2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP SP1/SP2. If drivers are available from the vendors, we will update them on the GIGABYTE website.