



Support: <u>Manual [EN]</u>

Remnant with I/O shield, 2x SATA cable, 1x IDE cable. 2 years warranty.

- Ultra Durable 3 Technology with copper cooled quality for lower working temperature
- 3x USB power delivery for greater compatibility and extra power for USB devices
- Support 45nm Intel Atom D525 dual core processor
- Integrated Intel graphic with DirectX 9 support
- Integrated High Definition audio
- Features high speed Gigabit Ethernet connection
- Patented DualBIOS with dual Hardware BIOS protection
- Total 4 SATA ports and IDE interface support for multiplex connectivity
- Features SATA 3Gb/s with RAID function
- Compatible with Window 7 to deliver the best operation experience CPU
 - 1. Built in with an Intel[®] Dual-core Atom[™] D525 processor (1.8 GHz) (Note 1)
 - 2. 1M L2 cache

Chipset

1. Intel[®] NM10

Memory

999.00 EUR incl. 19% VAT, plus <u>shipping</u>

• 4x SATA !



- 1. 2 x 1.5V DDR3 DIMM sockets supporting up to 4 GB of system memory (Note 2)
- 2. Support for DDR3 800 MHz memory modules

(Go to GIGABYTE's website for the latest supported memory speeds and memory modules.) Audio

1. Realtek ALC888B/ALC889 codec

2. High Definition Audio

3. 2/4/5.1/7.1-channel (Note 3)

LAN

1. 1 x Realtek RTL8111E chip (10/100/1000 Mbit)

Expansion Slots

1. 1 x PCI slot

Storage Interface

Chipset:

- 1. 2 x SATA 3Gb/s connectors (SATA2_0, SATA2_1) supporting up to 2 SATA 3Gb/s devices GIGABYTE SATA2/JMicron JMB363 chip:
- 1. 1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices
- 2. 2 x SATA 3Gb/s connectors (GSATA2_0, GSATA2_1) supporting up to 2 SATA 3Gb/s devices
- 3. Support for SATA RAID 0, RAID 1, and JBOD

* When installing Windows XP onto the hard drive connected to the JMicron JMB363 controller, be sure to connect the optical drive to a SATA port controlled by the Intel chipset.

USB

Chipset:

1. Up to 8 USB 2.0/1.1 ports (4 on the back panel, 4 via the USB brackets connected to the internal USB headers) Internal I/O Connectors

- 1. 1 x 20-pin ATX main power connector
- 2. 1 x 4-pin ATX 12V power connector
- 3. 1 x IDE connector
- 4. 4 x SATA 3Gb/s connectors
- 5. 1 x CPU fan header
- 6. 1 x system fan header
- 7. 1 x front panel header
- 8. 1 x front panel audio 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 serial port header
- **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. 4 x USB 2.0/1.1 ports
- 7. 1 x RJ-45 port
- 8. 3 x audio jacks (Line In/Line Out/Microphone)
- I/O Controller
- 1. iTE IT8720 chip
- H/W Monitoring



- 1. System voltage detection
- 2. CPU temperature detection
- 3. CPU/System fan speed detection
- 4. CPU fan speed control

BIOS

- 1. 2 x 4 Mbit flash
- 2. Use of licensed AWARD BIOS
- 3. Support for DualBIOS™
- 4. PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b

Unique Features

- 1. Support for @BIOS
- 2. Support for Q-Flash
- 3. Support for Xpress BIOS Rescue
- 4. Support for Download Center
- 5. Support for Xpress Install
- 6. Support for Xpress Recovery2
- 7. Support for EasyTune (Note 4)
- 8. Support for SMART Recovery
- 9. Support for Auto Green
- 10. Support for ON/OFF Charge
- 11. Support for Q-Share
- Bundle Software
- 1. Norton Internet Security (OEM version)
- **Operating System**
- 1. Support for Microsoft[®] Windows[®] 7/Vista/XP

Form Factor

1. Mini-ITX Form Factor; 17.0cm x 17.0cm

Note

(Note 1) Do not disassemble the onboard CPU/chipset and the heatsinks/fan by yourself to avoid damage to these components. (Note 2) Due to Windows 32-bit operating system limitation, when the 4 GB of physical memory is installed, the actual memory size displayed will be less than 4 GB.

(Note 3) To enable 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 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.