GA-MA785GMT-UD2H (rev. 1.0)   AMD 785G + SB710 Chipset

1. Ultra Durable 3 Classic Technology with copper cooled quality for lower working temperature
2. Revolution energy saving design with Easy Energy Saver technology
3. Supports AMD AM3 Phenom II/ Athlon II processors
4. Dual Channel DDR3 1800+ for remarkable system performance
5. Integrated ATI Radeon HD 4200 graphics (DirectX10.1)
6. PCI-E 2.0 x16 interface with ATI Hybrid CrossFireX support for ultimate graphics performance
7. Features high speed Gigabit Ethernet and IEEE1394
8. Blu-ray playback supported by high quality 106dB SNR ALC889A HD audio
9. Supports Dolby Home Theater audio to enjoy a rich surround sound experience
10. Integrated HDMI/ DVI interface for Full HD 1080 Blu-ray playback with HDCP
11. Patented DualBIOS with dual hardware BIOS protection
12. 100% 50,000 hours lifespan of Japanese solid capacitors design

Spezifikationen

Prozessor	1. Support for AM3 processors: AMD PhenomTM II processor/ AMD Athlon™ II processor
Hyper Transport Bus	1. 5200 MT/s
Chipsatz	1. North Bridge: AMD 785G 2. South Bridge: AMD SB710
Arbeitsspeicher	1. 4 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory (Note 1) 2. Dual channel memory architecture 3. Support for DDR3 1800 (OC)/1666/1333/1066 MHz memory modules
Onboard Graphics	Integrated in the North Bridge: 1. 1 x D-Sub port 2. 1 x DVI-D port (Note 2) (Note 3) 3. 1 x HDMI port (Note 3)
Audio	1. Realtek ALC889A codec 2. High Definition Audio 3. 2/4/5.1/7.1-channel 4. Support for Dolby Home Theater 5. Support for S/PDIF In/Out 6. Support for CD In
LAN	1. Realtek 8111C chip (10/100/1000 Mbit)
Erweiterungs Steckplätze	1. 1 x PCI Express x16 slot, running at x16 (PCIEX16) (The PCI Express x16 slot conforms to PCI Express 2.0 standard.) 2. 1 x PCI Express x1 slot 3. 2 x PCI slots
Storage Interface	South Bridge:

1. 1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices
2. 5 x SATA 3Gb/s connectors supporting up to 5 SATA 3Gb/s devices
3. 1 x eSATA 3Gb/s port on the back panel supporting up to 1 SATA 3Gb/s device
4. Support for SATA RAID 0, RAID 1, RAID 10 and JBOD

iTE IT8718 chip:

1. 1 x floppy disk drive connector supporting up to 1 floppy disk drive

USB	Integrated in the South Bridge

1. Up to 12 USB 2.0/1.1 ports (4 on the back panel, 8 via the USB brackets connected to the internal USB headers)

IEEE 1394	T.I. TSB43AB23 chip

1. Up to 2 IEEE 1394a ports (1 on the back panel, 1 via the IEEE 1394a bracket connected to the internal IEEE 1394a header)

Interne I/O Anschlüsse	1. 1 x 24-pin ATX main power connector

1. 1 x 24-pin ATX main power connector
2. 1 x 8-pin ATX 12V power connector
3. 1 x floppy disk drive connector
4. 1 x IDE connector
5. 5 x SATA 3Gb/s connectors
6. 1 x CPU fan header
7. 1 x system fan header
8. 1 x North Bridge fan header
9. 1 x front panel header
10. 1 x front panel audio header
11. 1 x CD In connector
12. 1 x S/PDIF In/Out header
13. 3 x USB 2.0/1.1 headers
14. 1 x IEEE 1394a header
15. 1 x parallel port header
16. 1 x serial port header
17. 1 x chassis intrusion header
18. 1 x power LED header
19. 1 x clearing CMOS jumper

Rear Panel I/O	1. 1 x PS/2 keyboard port or PS/2 mouse port

1. 1 x PS/2 keyboard port or PS/2 mouse port
2. 1 x D-Sub port
3. 1 x DVI-D port (Note 3)(Note 4)
4. 1 x HDMI port (Note 4)
5. 1 x optical S/PDIF Out connector
6. 1 x eSATA 3Gb/s port
7. 1 x IEEE 1394a port
8. 6 x USB 2.0/1.1 ports
9. 1 x RJ-45 port
10. 6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side

Speaker Out/Line In/Line Out/Microphone)

I/O	1. ITE IT8718 chip

H/W Monitoring	1. System voltage detection
	2. CPU/System temperature detection
	3. CPU/System fan speed detection
	4. CPU overheating warning
	5. CPU/System/Power fan fail warning
	6. CPU/System fan speed control (Note 4)

BIOS	1. 2 x 8 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 5)
	8. Support for Easy Energy Saver
	9. Support for Time Repare
	10. Support for Q-Share

Bundle Software	1. Norton Internet Security (OEM version)

Operating System	1. Support for Microsoft Windows Vista/ XP

Form Factor	1. Micro ATX Form Factor; 24.3cm x 24.3cm

Note	(Note 1) Due to Windows Vista/XP 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than 4 GB. (Note 2) The DVI-D port does not support D-Sub connection by adapter. (Note 3) Simultaneous output for DVI-D and HDMI is not supported. (Note 4) Whether the CPU/system fan speed control function is supported will depend on the CPU/system cooler you install. (Note 5) 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. Due to most hardware/software vendors no longer offer support for Win9X/ME. If some vendors still has Win9X/ME drivers available, we will publish on website.