



ABR2715ARN

<p>APU</p>	<p>FS1b Socket:</p> <ol style="list-style-type: none"> 1. AMD Athlon™ series processors 2. AMD Sempron™ series processors <p>(Please refer "CPU Support List" for more information.)</p>
<p>Memory</p>	<ol style="list-style-type: none"> 1. 2 x 1.5V DDR3 DIMM sockets supporting up to 32 GB of system memory * 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. 2. Support for DDR3 1600/1333 MHz memory modules 3. Support for Extreme Memory Profile (XMP) memory modules <p>(Please refer "Memory Support List" for more information.)</p>
<p>Onboard Graphics</p>	<p>Integrated Graphics Processor:</p> <ol style="list-style-type: none"> 1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200 2. 1 x HDMI port, supporting a maximum resolution of 4096x2160 * Support for HDMI 1.4a version. 3. Maximum shared memory of 2 GB
<p>Audio</p>	<ol style="list-style-type: none"> 1. Realtek® ALC887 codec 2. High Definition Audio 3. 2/4/5.1/7.1-channel * 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. 4. Support for S/PDIF Out
<p>LAN</p>	<ol style="list-style-type: none"> 1. Realtek® GbE LAN chip (10/100/1000 Mbit)
	<ol style="list-style-type: none"> 1. 1 x PCI Express x16 slot, running at x4 (PCIEX4)

GA-AM1M-S2H (rev. 1.0) [rev. 1.1](#)

AMD AM1 platform

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: 2.0 standard.)

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USB	<p>Integrated in the APU:</p> <ol style="list-style-type: none">1. 2 x USB 3.0/2.0 ports on the back panel2. 8 x USB 2.0/1.1 ports (2 ports on the back panel, 6 ports available through the internal USB headers)
Internal I/O Connectors	<ol style="list-style-type: none">1. 1 x 24-pin ATX main power connector2. 1 x 4-pin ATX 12V power connector3. 2 x SATA 6Gb/s connectors4. 1 x APU fan header5. 1 x system fan header6. 1 x front panel header7. 1 x front panel audio header8. 1 x S/PDIF Out header9. 3 x USB 2.0/1.1 headers10. 1 x serial port header11. 1 x parallel port header12. 1 x Clear CMOS jumper
Back Panel Connectors	<ol style="list-style-type: none">1. 1 x PS/2 keyboard port2. 1 x PS/2 mouse port3. 1 x D-Sub port4. 1 x HDMI port 5. 2 x USB 3.0/2.0 ports6. 2 x USB 2.0/1.1 ports7. 1 x RJ-45 port8. 3 x audio jacks (Line In, Line Out, Mic In)
I/O Controller	<ol style="list-style-type: none">1. iTE® I/O Controller Chip
H/W Monitoring	<ol style="list-style-type: none">1. System voltage detection2. APU/System temperature detection3. APU/System fan speed detection4. APU overheating warning5. APU/System fan speed control <p>* Whether the fan speed control function is supported will depend on the cooler you install.</p>
BIOS	<ol style="list-style-type: none">1. 1 x 32 Mbit flash2. Use of licensed AMI UEFI BIOS3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
	<ol style="list-style-type: none">1. Support for @BIOS2. Support for Q-Flash3. Support for Xpress Install

Unique Features	<ol style="list-style-type: none"> Support for EasyTune * Available functions in EasyTune may differ by motherboard model. Support for Smart Recovery 2 Support for ON/OFF Charge
Bundle Software	<ol style="list-style-type: none"> Norton® Internet Security (OEM version)
Operating System	<ol style="list-style-type: none"> Support for Windows 8.1/8/7 32-bit/64-bit Support for Windows XP 32-bit
Form Factor	<ol style="list-style-type: none"> Micro ATX Form Factor; 22.6cm x 17.0cm
Remark	<ol style="list-style-type: none"> Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website. 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.

* 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.

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* 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.



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Socket FS1b - AMD AM1 - GA-AM1M-S2H (rev. 1.0)

N/A = Not support

Socket FS1b										
Motherboard									Model	GA-AM1M-S2H
									PCB	1.0
vendor	CPU Model	Frequency	L2 Cache	L3 Cache	GPU Frequency	Core Name	Process	Stepping	Wattage	Since BIOS Version
AMD	Athlon 5350	2050MHz	512KBx4	N/A	600 MHz	Kabini	28nm	A1	25W	F2
AMD	Athlon 5150	1600MHz	512KBx4	N/A	600 MHz	Kabini	28nm	A1	25W	F2
AMD	Sempron 3850	1300MHz	512KBx4	N/A	450 MHz	Kabini	28nm	A1	25W	F2
AMD	Sempron 2650	1450MHz	512KBx2	N/A	400 MHz	Kabini	28nm	A1	25W	F2
AMD	Athlon X4 550	2200MHz	512KBx4	N/A	N/A	Kabini	28nm	A1	25W	F2
AMD	Athlon X4 530	2000MHz	512KBx4	N/A	N/A	Kabini	28nm	A1	25W	F2