

Board Size		.6" (304.8 x 243.8 r	nm)		
Chipset	Intel <sup>®</sup> 945G				
lemory	(1.8V), 256 MB	- 4 GB <sup>2)</sup> , Single or	Dual Channel		
		ouffered, no ECC	Buar onannoi,		
		M, please refer to	our website)		
Processors	-				
ntel <sup>®</sup> Core <sup>1</sup> <sup>®</sup> 2 Duc	) Processors LG/	4775 with 800/1066 <mark> </mark> 75 with 533 / 800 MI	MHZ FSB		
		75 with 533/800 MH			
		75 with 533 MHz FS			
Support for Hyper-	Threading Techn	ology			
		V) and 05B (max. 13 d, please refer to our			
Power Specifica			website)		
		n) Power Supply req	uired		
5V and 3.3V Suppl	ly Voltage on PC	I Slots (PCI Rev. 2.3	3)		
		CI Slots (Wake-Up F USB Wake-Up from			
Save-to-Disk		USD Wake-Up IIOII			
Power Supply R	equirements				
or onboard comp	ponents (worst o				
Source	Voltage	Maximal	Mainboard		
		variation	current (Maximal)		
	+ 12 V	5 %	17.0 A		
Main Power	- 12 V	10 %	0.05 A		
Supply	+ 5 V	5%	6 A		
Aux. Power Supply	+ 3.3 V / + 5 V	<u>5 %</u> 5 %	4 A 2 A		
BIOS		J /0	2 A		
<b>Special Features</b> Silent Fan System Guard Silent Drives	s Independent fan supervisi View and ad	Siemens Computer temperature relate on and control just Silent Fan ion for optical and I	d processor and		
Safe Standby		a loss in S3 (save-			
Recovery BIOS	Restores a c	orrupted BIOS	,		
Desk Update		Simple driver update with DU DVD			
		boot from any boot	dovico		
		boot from any boot action for up to two			
HDD Password	Access prote	ection for up to two			
HDD Password Designed for inc Longlife capacitor	Access prote dustrial applications Designed for	ection for up to two tions 24/7 use in industr	disk drives		
HDD Password Designed for inc Longlife capacitor Tin-plated PCB	Access prote dustrial applica rs Designed for Improved du	ection for up to two tions 24/7 use in industr rability of PCB surf	disk drives rial applications ace		
HDD Password Designed for inc Longlife capacitor Tin-plated PCB	Access prote dustrial applica rs Designed for Improved du Less hardwa	ection for up to two titions 24/7 use in industr rability of PCB surfa- re changes and ou	disk drives rial applications ace		
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ADD Password Designed for inc. onglife capacitor in-plated PCB Revision control Extended lifetime Additional Docum RoHS-compliant External Connec PS/2 Mouse PS/2 USB	Access prote dustrial applica rs Designed for Improved du Less hardwa information r Mainboard a nentation & Sup ing temperature ctors Par	ection for up to two tions 24/7 use in industriation rability of PCB suffi- ire changes and our nanagement vailable for more the port a range (0°C-60°C) rallel	disk drives rial applications ace tstanding an three years 1) LAN Audio IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		

# phics

GMA950 Graphics Controller, shared memory (up to 224MB), ctX 9 compliant, 333 MHz core frequency, 256-bit

and 32-bit 3-D engine, Motion video acceleration, up to 2048 x 1536 5 Hz refresh, integrated 24-bit 400 MHz RAMDAC, upgradeable with Express x16 Graphics Card or ADD2 Cards to add support for digital lays or TV Out

### lio ltek ALC262 (HD Audio), 2 channel

adcom BCM5751 controller with 10/100/1000 Mbit/s via PCI Express, t Standard Format (ASF), Wake-on-LAN (WoL) by interesting kets, Link Status Change and Magic Packet<sup>™</sup>, bootix<sup>®</sup> PXE Support

TA 100 Interface, up to 2 Drives,

erial ATA II 300 Interfaces (up to 3 GBit, NCQ), up to 4 Drives, D 0, 1, 0+1, 5

Versions	D2156-S21
Features	
Chipset	Intel <sup>®</sup> 945G
Board Size	ATX
VGA	✓
Audio / 6-channel / S/PDIF	✓/-/-
Buzzer / int. Speaker Support	- / 🗸
LAN Gbit / 100 Mbit / 10 Mbit	$\checkmark   \checkmark   \checkmark$
LAN ASF / AoL / WoL / Boot	✓ / - / ✓ / ✓
SATA / ATA / RAID	$\checkmark   \checkmark   \checkmark$
FireWire™ / USB 2.0	- / 🗸
FAN monitored PSU**/CPU/AUX1/AUX2/AUX3	$\checkmark   \checkmark   \checkmark   \checkmark   \checkmark   \checkmark$
FAN controlled PSU**/CPU/AUX1/AUX2/AUX3	$\checkmark   \checkmark   \checkmark   \checkmark   \checkmark   \checkmark$
TEMP monitored CPU/ONB1/ONB2/HDD	$\checkmark  \checkmark  \checkmark  \checkmark  \checkmark$

# ecial Features

Silent Fan / Silent Fan LT	✓/-
System Guard / Silent Drives	$\checkmark / \checkmark$
Recovery BIOS/Desk Update/Multi Boot/Safe Standby	$\checkmark   \checkmark   \checkmark   \checkmark   \checkmark$
HDD Password	✓
Logo Boot / Intel On Screen Branding	√ / √

#### rnal Connectors

4
1
4
2
4/1/1
- / -
1
1
-
4
1
1/1/1/1/1
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-
1/1/-

## ernal Connectors

Published by

VGA	1
Audio Mic. In / Line in / Line out	1/1/1
S/PDIF (5.1 digital Audio, cinch) OUT / IN	- / -
LAN (RJ-45)	1
PS/2 Mouse / Keyboard	1/1
FireWire™ (6-Pin, IEEE 1394)	-
USB (2.0, ~480MB/s)	4
Serial (RS232, FIFO, 16550 compatible)	1
Parallel (EPP/ECP)	1

for use with internal devices or optional Front- or Rearpanel

\*\* not supported by standard Power Supplies

forced cooling required, see technical documentation for detailed 1)

requirements 4GB address space thereof max. 3.0GB usable for physical main memory 2)

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Company stamp

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