

Owner: John  
User: John  
Operating System: Windows 7 Ultimate Professional 6.01.7601 Service Pack 1  
Report Date: Wednesday 20 May 2015 at 14:57

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<<< Mainboard >>>

> Manufacturer : System manufacturer

>> General Information

Product : System Product Name  
Version : System Version  
Serial Number : System Serial Number  
Unique ID : A0F14574-8DFED511-AF0B20CF-3085A422  
SKU : To Be Filled By O.E.M.  
Family : To Be Filled By O.E.M.  
Start mode : Power Switch

>> OEM Information

OEM #1 : 20CF3085A422  
OEM #2 : To Be Filled By O.E.M.  
OEM #3 : To Be Filled By O.E.M.  
OEM #4 : To Be Filled By O.E.M.

>> Chassis Information

Intrusion detected : No

> Mainboard : Asus P5G41C-M LX

>> General Information

Manufacturer : ASUSTeK Computer INC. (Asus)  
Product : P5G41C-M LX  
Version : Rev X.0x  
Serial Number : MT7007033315144  
Support MP : Yes, 2 CPU(s)  
Version MPS : 1.4

>> Chassis Information

Manufacturer : Chassis Manufacture  
Type : Desktop  
Version : Chassis Version  
Serial Number : Chassis Serial Number  
Asset : Asset-1234567890

>> OEM Support SLIC

HPET : Yes  
SLIC : Yes  
SLP OA : v2.0

>> Sensor Information

Hardware Monitoring : Winbond W83677HG-I

>> On-Board Device Information

Device : Onboard Ethernet (Ethernet)  
Embedded Controller : Yes

>> Slots Information

Slot PCI : 32-bit [3.3v, Shared Slot Opening] - Empty  
Slot PCI : 32-bit [3.3v, Shared Slot Opening] - Empty  
Slot PCI-Express : 32-bit [3.3v, Shared Slot Opening] - In Use  
Slot PCI-Express : 32-bit [3.3v, Shared Slot Opening] - Empty

>> External Connectors

Keyboard : PS/2  
Mouse : PS/2  
Parallel ECP/EPP : DB25 male  
Serial 16550A Compatible : DB-9 male  
Network : RJ-45  
USB : Access Bus (USB)  
USB : Access Bus (USB)  
Audio : Mini-jack (headphones)

Audio : Mini-jack (headphones)  
Audio : Mini-jack (headphones)  
Audio : On Board Sound Input from CD-ROM

>> Internal Connectors

PS/2 Keyboard  
PS/2 Mouse  
LPT  
COM1  
LAN1  
USB1\_2  
USB3\_4  
Audio\_Line In  
Audio\_Line Out  
Audio\_Mic In  
SPDIF\_OUT  
PANEL : 9 Pin Dual Inline (pin 10 cut)  
VGA  
SATA1  
SATA2  
SATA3  
SATA4  
PRI\_IDE : On Board IDE  
USB5\_6 : Access Bus (USB)  
USB7\_8 : Access Bus (USB)  
AAFP : Mini-jack (headphones)  
CPU\_FAN  
CHA\_FAN

>> EEPROM Information

Type : EEPROM Specific  
Address : 0x57

> Bios : American Megatrends Inc.

>> General Information

Manufacturer : American Megatrends Inc.  
Version : 0505  
Date : 06/24/2010 (mm/dd/yyyy)  
Address : 1024 KB  
Copyright : (C)2009 American Megatrends, Inc  
Motherboard ID : 64-0505-000001-00101111-062410-Eaglelake-A1573000  
SMBios Version : Unspecified  
DMI Version : 2.5

>> Characteristics

Flashable : Yes  
Socketed : Yes

>> Functionality

APM : Yes  
ACPI : Yes  
ESCD : Yes  
PnP : Yes  
PCI : Yes  
ISA : Yes  
AGP : No  
USB : Yes  
PCMCIA : No  
Smart Battery : No

>> Boot Information

Selectable Boot : Yes  
CD-ROM Boot : Yes  
PC Card (PCMCIA) Boot : No  
I20 Boot : No  
LS-120 Boot : Yes  
1394 Boot : No  
ATAPI ZIP Boot : Yes  
Network Boot : No

> Chipset : Intel G41

>> General Information

NorthBridge : Intel G41  
SouthBridge : 82801GB/GR (ICH7 Family) LPC Interface Controller

>> NorthBridge Information

Architecture : Direct Media Interface (DMI)  
Manufacturer : Intel (ASUSTeK Computer)

Revision : A3  
Bus Speed : 266.7 MHz  
FSB Frequency : 1066.7 MHz (QDR)

>> Memory Information

Type : DDR3-SDRAM PC3-8500  
Frequency : 533.3 MHz  
DRAM/FSB Ratio : 2/1  
Supported Channels : Dual  
Mode : Symmetric  
Activated Channels : Symmetric  
ECC Diagnostic : Yes - Disabled  
CAS Latency (tCL) : 7 clocks  
RAS to CAS (tRCD) : 7 clocks  
RAS Precharge (tRP) : 7 clocks  
Cycle Time (tRAS) : 19 clocks  
Row Refresh Cycle Time (tRFC) : 78 clocks  
Command Rate : 2 T

>> PCI-Express Information

Number of ports : 3 - (x16, x1, x1)

>> Functionality

SATA AHCI Enabled : No  
RAID 0/1/10 Enabled : No  
RAID 5 Enabled : No  
PCI Express x1 Enabled : No  
Intel AMT : Yes  
Intel QST : No  
Intel IPT : No  
SPI Interface : Yes  
USB Ports 6, 7 : No  
PCI Express Ports 7, 8 : No  
SATA Ports 2, 3 : No  
Multiplex : Yes - 2

>> Device Capabilities (PCI)

I/O Access : No  
Memory Access : Yes  
Bus Master Capable : Yes  
Special Cycle Recognition : No  
Memory Write & Invalidate : No  
VGA Palette Snoop : No  
Parity Error Response : No  
Cycle Wait : No  
System Error Line : No  
Fast Back-to-Back : No  
Detects Parity Errors : No  
User Defined Format : No  
PCI 66Mhz Bus Support : No  
New Capability List : Yes  
PCI Support : Vendor-Dependant

> Physical Memory : 16384 MB DDR3-SDRAM

>> General Information

>> Information SPD EEPROM (DIMMA1)

Manufacturer : G Skill  
Part Number : F3-17000CL11-4GBXL  
Serial Number : 0018D4EC517BA018  
Type : DDR3-SDRAM PC3-12800 (800 MHz) - [DDR3-1600]  
Format : UDIMM (133.35 x 15)  
Size : 4096 MB (2 ranks, 8 banks)  
Module Buffered : No  
Module Registered : No  
Module SLi Ready (EPP) : No  
Module XMP : Yes  
Width : 64-bit  
Error Correction Capability (ECC) : Unspecified  
Prefetch Buffer : 8-bit  
Manufacture : 2000  
Thermal Sensor : No  
Heat Spreader : No  
Supported Frequencies : 457 MHz, 533 MHz, 610 MHz, 686 MHz, 762 MHz, 838 MHz  
CAS Latency (tCL) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 19 clocks @ 533 MHz, 22 clocks @ 610 MHz, 24 clocks @ 686 MHz, 27 clocks @ 762 MHz, 30 clocks @ 838 MHz  
Min TRC : 22 clocks @ 457 MHz, 26 clocks @ 533 MHz, 30 clocks @ 610 MHz, 33 clocks @ 686 MHz, 37 clocks @ 762 MHz, 41 clocks @ 838 MHz

XMP Profile : XMP-2000  
Version : 1.3

Specification : PC3-16000  
Voltage : 1.60V  
Cycle Time : 1ns @1000 MHz  
RAS Precharge (tRP) : 9.88 ns  
RAS to CAS (tRCD) : 9.88 ns  
tWR : 15 ns  
Cycle Time (tRAS) : 27.62 ns  
tRC : 38 ns  
Command Rate : 2T  
Supported Frequencies : 1113 MHz  
CAS Latency (tCL) : 11 clocks @ 1113 MHz  
RAS to CAS (tRCD) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
RAS Precharge (tRP) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
Cycle Time (tRAS) : 13 clocks @ 457 MHz, 15 clocks @ 533 MHz, 17 clocks @ 610 MHz, 19 clocks @ 686 MHz, 21 clocks @ 762 MHz, 24 clocks @ 838 MHz  
tTRC : 18 clocks @ 457 MHz, 21 clocks @ 533 MHz, 24 clocks @ 610 MHz, 26 clocks @ 686 MHz, 29 clocks @ 762 MHz, 32 clocks @ 838 MHz

XMP Profile : XMP-1778

Version : 1.3  
Specification : PC3-14200  
Voltage : 1.60V  
Cycle Time : 1.125ns @889 MHz  
RAS Precharge (tRP) : 12 ns  
RAS to CAS (tRCD) : 12 ns  
tWR : 18 ns  
Cycle Time (tRAS) : 33.38 ns  
tRC : 45.75 ns  
Command Rate : 2T  
Supported Frequencies : 916 MHz  
CAS Latency (tCL) : 11 clocks @ 916 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 18 clocks @ 533 MHz, 21 clocks @ 610 MHz, 23 clocks @ 686 MHz, 26 clocks @ 762 MHz, 28 clocks @ 838 MHz  
tTRC : 21 clocks @ 457 MHz, 25 clocks @ 533 MHz, 28 clocks @ 610 MHz, 32 clocks @ 686 MHz, 35 clocks @ 762 MHz, 39 clocks @ 838 MHz

>> Information SPD EEPROM

Manufacturer : G Skill  
Part Number : F3-1700CL11-4GBXL  
Serial Number : 0018D4EC517BA018  
Type : DDR3-SDRAM PC3-12800 (800 MHz) - [DDR3-1600]  
Format : UDIMM (133.35 x 15)  
Size : 4096 MB (2 ranks, 8 banks)  
Module Buffered : No  
Module Registered : No  
Module SLi Ready (EPP) : No  
Module XMP : Yes  
Width : 64-bit  
Error Correction Capability (ECC) : Unspecified  
Prefetch Buffer : 8-bit  
Manufacture : 2000  
Thermal Sensor : No  
Heat Spreader : No  
Supported Frequencies : 457 MHz, 533 MHz, 610 MHz, 686 MHz, 762 MHz, 838 MHz  
CAS Latency (tCL) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 19 clocks @ 533 MHz, 22 clocks @ 610 MHz, 24 clocks @ 686 MHz, 27 clocks @ 762 MHz, 30 clocks @ 838 MHz  
Min TRC : 22 clocks @ 457 MHz, 26 clocks @ 533 MHz, 30 clocks @ 610 MHz, 33 clocks @ 686 MHz, 37 clocks @ 762 MHz, 41 clocks @ 838 MHz

XMP Profile : XMP-2000

Version : 1.3  
Specification : PC3-16000  
Voltage : 1.60V  
Cycle Time : 1ns @1000 MHz  
RAS Precharge (tRP) : 9.88 ns  
RAS to CAS (tRCD) : 9.88 ns  
tWR : 15 ns  
Cycle Time (tRAS) : 27.62 ns  
tRC : 38 ns  
Command Rate : 2T  
Supported Frequencies : 1113 MHz  
CAS Latency (tCL) : 11 clocks @ 1113 MHz  
RAS to CAS (tRCD) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
RAS Precharge (tRP) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
Cycle Time (tRAS) : 13 clocks @ 457 MHz, 15 clocks @ 533 MHz, 17 clocks @ 610 MHz, 19 clocks @ 686 MHz, 21 clocks @ 762 MHz, 24 clocks @ 838 MHz  
tTRC : 18 clocks @ 457 MHz, 21 clocks @ 533 MHz, 24 clocks @ 610 MHz, 26 clocks @ 686 MHz, 29 clocks @ 762 MHz, 32 clocks @ 838 MHz

XMP Profile : XMP-1778

Version : 1.3  
Specification : PC3-14200  
Voltage : 1.60V  
Cycle Time : 1.125ns @889 MHz  
RAS Precharge (tRP) : 12 ns  
RAS to CAS (tRCD) : 12 ns  
tWR : 18 ns  
Cycle Time (tRAS) : 33.38 ns  
tRC : 45.75 ns  
Command Rate : 2T  
Supported Frequencies : 916 MHz  
CAS Latency (tCL) : 11 clocks @ 916 MHz

RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 18 clocks @ 533 MHz, 21 clocks @ 610 MHz, 23 clocks @ 686 MHz, 26 clocks @ 762 MHz, 28 clocks @ 838 MHz  
tTRC : 21 clocks @ 457 MHz, 25 clocks @ 533 MHz, 28 clocks @ 610 MHz, 32 clocks @ 686 MHz, 35 clocks @ 762 MHz, 39 clocks @ 838 MHz

>> Information SPD EEPROM (DIMMA1)

Manufacturer : G Skill  
Part Number : F3-17000CL11-4GBXL  
Serial Number : 0018D4EC517BA018  
Type : DDR3-SDRAM PC3-12800 (800 MHz) - [DDR3-1600]  
Format : UDIMM (133.35 x 15)  
Size : 4096 MB (2 ranks, 8 banks)  
Module Buffered : No  
Module Registered : No  
Module SLi Ready (EPP) : No  
Module XMP : Yes  
Width : 64-bit  
Error Correction Capability (ECC) : Unspecified  
Prefetch Buffer : 8-bit  
Manufacture : 2000  
Thermal Sensor : No  
Heat Spreader : No  
Supported Frequencies : 457 MHz, 533 MHz, 610 MHz, 686 MHz, 762 MHz, 838 MHz  
CAS Latency (tCL) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 19 clocks @ 533 MHz, 22 clocks @ 610 MHz, 24 clocks @ 686 MHz, 27 clocks @ 762 MHz, 30 clocks @ 838 MHz  
Min TRC : 22 clocks @ 457 MHz, 26 clocks @ 533 MHz, 30 clocks @ 610 MHz, 33 clocks @ 686 MHz, 37 clocks @ 762 MHz, 41 clocks @ 838 MHz

XMP Profile : XMP-2000

Version : 1.3  
Specification : PC3-16000  
Voltage : 1.60V  
Cycle Time : 1ns @1000 MHz  
RAS Precharge (tRP) : 9.88 ns  
RAS to CAS (tRCD) : 9.88 ns  
tWR : 15 ns  
Cycle Time (tRAS) : 27.62 ns  
tRC : 38 ns  
Command Rate : 2T  
Supported Frequencies : 1113 MHz  
CAS Latency (tCL) : 11 clocks @ 1113 MHz  
RAS to CAS (tRCD) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
RAS Precharge (tRP) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
Cycle Time (tRAS) : 13 clocks @ 457 MHz, 15 clocks @ 533 MHz, 17 clocks @ 610 MHz, 19 clocks @ 686 MHz, 21 clocks @ 762 MHz, 24 clocks @ 838 MHz  
tTRC : 18 clocks @ 457 MHz, 21 clocks @ 533 MHz, 24 clocks @ 610 MHz, 26 clocks @ 686 MHz, 29 clocks @ 762 MHz, 32 clocks @ 838 MHz

XMP Profile : XMP-1778

Version : 1.3  
Specification : PC3-14200  
Voltage : 1.60V  
Cycle Time : 1.125ns @889 MHz  
RAS Precharge (tRP) : 12 ns  
RAS to CAS (tRCD) : 12 ns  
tWR : 18 ns  
Cycle Time (tRAS) : 33.38 ns  
tRC : 45.75 ns  
Command Rate : 2T  
Supported Frequencies : 916 MHz  
CAS Latency (tCL) : 11 clocks @ 916 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 18 clocks @ 533 MHz, 21 clocks @ 610 MHz, 23 clocks @ 686 MHz, 26 clocks @ 762 MHz, 28 clocks @ 838 MHz  
tTRC : 21 clocks @ 457 MHz, 25 clocks @ 533 MHz, 28 clocks @ 610 MHz, 32 clocks @ 686 MHz, 35 clocks @ 762 MHz, 39 clocks @ 838 MHz

>> Information SPD EEPROM

Manufacturer : G Skill  
Part Number : F3-17000CL11-4GBXL  
Serial Number : 0018D4EC517BA018  
Type : DDR3-SDRAM PC3-12800 (800 MHz) - [DDR3-1600]  
Format : UDIMM (133.35 x 15)  
Size : 4096 MB (2 ranks, 8 banks)  
Module Buffered : No  
Module Registered : No  
Module SLi Ready (EPP) : No  
Module XMP : Yes  
Width : 64-bit  
Error Correction Capability (ECC) : Unspecified  
Prefetch Buffer : 8-bit  
Manufacture : 2000  
Thermal Sensor : No  
Heat Spreader : No  
Supported Frequencies : 457 MHz, 533 MHz, 610 MHz, 686 MHz, 762 MHz, 838 MHz  
CAS Latency (tCL) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
RAS Precharge (tRP) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 11 clocks @ 838 MHz  
Cycle Time (tRAS) : 16 clocks @ 457 MHz, 19 clocks @ 533 MHz, 22 clocks @ 610 MHz, 24 clocks @ 686 MHz, 27 clocks @ 762 MHz, 30 clocks @ 838 MHz  
Min TRC : 22 clocks @ 457 MHz, 26 clocks @ 533 MHz, 30 clocks @ 610 MHz, 33 clocks @ 686 MHz, 37 clocks @ 762 MHz, 41 clocks @ 838 MHz

XMP Profile : XMP-2000

Version : 1.3  
Specification : PC3-16000  
Voltage : 1.60V  
Cycle Time : 1ns @1000 MHz  
RAS Precharge (tRP) : 9.88 ns  
RAS to CAS (tRCD) : 9.88 ns  
tWR : 15 ns  
Cycle Time (tRAS) : 27.62 ns  
tRC : 38 ns  
Command Rate : 2T  
Supported Frequencies : 1113 MHz  
CAS Latency (tCL) : 11 clocks @ 1113 MHz  
RAS to CAS (tRCD) : 5 clocks @ 457 MHz, 6 clocks @ 533 MHz, 6 clocks @ 610 MHz, 7 clocks @ 686 MHz, 8 clocks @ 762 MHz, 9 clocks @ 838 MHz  
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XMP Profile : XMP-1778

Version : 1.3  
Specification : PC3-14200  
Voltage : 1.60V  
Cycle Time : 1.125ns @889 MHz  
RAS Precharge (tRP) : 12 ns  
RAS to CAS (tRCD) : 12 ns  
tWR : 18 ns  
Cycle Time (tRAS) : 33.38 ns  
tRC : 45.75 ns  
Command Rate : 2T  
Supported Frequencies : 916 MHz  
CAS Latency (tCL) : 11 clocks @ 916 MHz  
RAS to CAS (tRCD) : 6 clocks @ 457 MHz, 7 clocks @ 533 MHz, 8 clocks @ 610 MHz, 9 clocks @ 686 MHz, 10 clocks @ 762 MHz, 10 clocks @ 838 MHz  
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Cycle Time (tRAS) : 16 clocks @ 457 MHz, 18 clocks @ 533 MHz, 21 clocks @ 610 MHz, 23 clocks @ 686 MHz, 26 clocks @ 762 MHz, 28 clocks @ 838 MHz  
tTRC : 21 clocks @ 457 MHz, 25 clocks @ 533 MHz, 28 clocks @ 610 MHz, 32 clocks @ 686 MHz, 35 clocks @ 762 MHz, 39 clocks @ 838 MHz

>> Memory Controller Information

Memory Controller : System Memory  
Location : Mainboard  
Error Correction Capability : No  
Number of connectors : 2  
Max. Module Size : 8192 MB

> LPC bus : Yes

>> Bus Information

Type : ISA - LPC  
Device : 82801GB/GR (ICH7 Family) LPC Interface Controller  
Revision : 01  
Number of ISA Connectors : 0  
Frequency : 8 MHz  
Multiplier : 1/4x  
DMA Speed : 4 MHz  
Multiplier : 1/2x

>> Device Capabilities (PCI)

I/O Access : Yes  
Memory Access : Yes  
Bus Master Capable : Yes  
Special Cycle Recognition : No  
Memory Write & Invalidate : No  
VGA Palette Snoop : No  
Parity Error Response : No  
Cycle Wait : No  
System Error Line : No  
Fast Back-to-Back : No  
Detects Parity Errors : No  
User Defined Format : No  
PCI 66Mhz Bus Support : No  
New Capability List : Yes  
PCI Support : Vendor-Dependant

> PCI Bus : No

> Bus PCI-Express : Yes

>> PCI-Express Information

Number of connectors : 2

>> Bus PCI-Express

Device : 4 Series Chipset PCIe Port 1

Version : 2.0  
Port : 2  
Physical Slot : #0  
Slot Populated : Yes  
Link Width : x16 (max. x16)  
Link Speed : 2.5 GB/s

>> Bus PCI-Express  
Device : 82801G (ICH7 Family) PCIe Port #1  
Version : 1.0  
Port : 1  
Physical Slot : #0  
Slot Populated : No  
Link Width : max. x1  
Link Speed : 2.5 GB/s

>> Bus PCI-Express  
Device : 82801G (ICH7 Family) PCIe Port #2  
Version : 1.0  
Port : 2  
Physical Slot : #4  
Slot Populated : Yes  
Link Width : x1 (max. x1)  
Link Speed : 2.5 GB/s

>> Bus PCI-Express  
Device : GT200 [GeForce 210]  
Version : 2.0  
Port : 0  
Link Width : x16 (max. x16)  
Link Speed : 2.5 GB/s

> USB Bus : Yes

>> Device Information  
Device : 82801G (ICH7 Family) USB UHCI Controller #1  
Version : 1.0  
Interface : UHCI  
Frequency : 0.1875 MB/s

>> Device Information  
Device : 82801G (ICH7 Family) USB UHCI Controller #2  
Version : 1.0  
Interface : UHCI  
Frequency : 0.1875 MB/s

>> Device Information  
Device : 82801G (ICH7 Family) USB UHCI Controller #3  
Version : 1.0  
Interface : UHCI  
Frequency : 0.1875 MB/s

>> Device Information  
Device : 82801G (ICH7 Family) USB UHCI Controller #4  
Version : 1.0  
Interface : UHCI  
Frequency : 0.1875 MB/s

>> Device Information  
Device : 82801G (ICH7 Family) USB EHCI Controller  
Version : 2.0  
Interface : EHCI  
Frequency : 60 MB/s

> SMBus/i2c Bus : Yes

>> General Information  
Device : 82801G (ICH7 Family) SMBus Controller  
Revision : 1  
Frequency : 16 KHz  
Address : 0x400  
SBI Protocol Enabled : No

>> Device Capabilities (PCI)  
I/O Access : Yes  
Memory Access : No  
Bus Master Capable : No  
Special Cycle Recognition : No

Memory Write & Invalidate : No  
VGA Palette Snoop : No  
Parity Error Response : No  
Cycle Wait : No  
System Error Line : No  
Fast Back-to-Back : No  
Detects Parity Errors : No  
User Defined Format : No  
PCI 66Mhz Bus Support : No  
New Capability List : No

> Bus HyperTransport : No

> Bus QPI : No

> Bus CardBus : No

> Bus FireWire : No

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\*\*\*\*\* End of report \*\*\*\*\*