

# QE 【Mainboard】

## P5 Verification Test Report

Release No: 08E010013

Product Model	<b>PER-V05V</b>
Description	<b>Intel single VGA Add-On Card</b>
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : PER-V05V Rev:A1.1 (XG21160A mini PCI) <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> Graphics Processor : XGI Volari Z7-Z9-Z9s-Z11  EMB-945T A1.0: <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> North Bridge : Intel945GM <input checked="" type="checkbox"/> South Bridge : ICH7M <input checked="" type="checkbox"/> VGA: Intel 945GM Graphics controller  <input checked="" type="checkbox"/> Remark: QE P5 Report for PER-V05V A1.1
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

*2008/03/25*

**Issue date**

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**There are 3 test results in this document; they are described as follows:**

Pass: Function worked perfectly

Fail: Function failed and must be modified in the next version

N/A: Outside of specification or no test equipment

**Platform Information:**

Item	Device Information
PCB Model / Version	PER-V05V Rev: A1.1 with EMB-945T A1.0
BIOS / Version	EMB-945T BIOS test (02/27/2008)
VGA Card & Driver Version	Mini PCI: XGI Volari Z7-Z9-Z9s-Z11 v1.09.05 Driver Ver. 6.14.10.1090 Date: 10/19/2007 Onboard: Intel945GM Graphics controller 6.14.10.4704
CPU Type	Celeron M 440 @1.86GHZ
Memory Type	Transcend DDR2-533 SODIMM 256MB
Primary IDE Master	WD/ WD800BB-00JHA0 / 80GB
Primary IDE Slave	TEAC / CD-540E / 40X
CRT	ViewSonic E70
LCD	N/A
Compact Flash	N/A
Riser Card	N/A
Backplane	N/A
OS	Windows XP Professional English Version V2002 Service Pack 2
Power Supply	ATX Power : Seventeam / ST-350EAD-05G 300W AT Power :

## Test Result for Certification

### 1. I/O Peripheral Function Test

I/O Peripheral Function Test –I/O Function	Result		
	Pass	Fail	N/A
Onboard VGA & mini PCI VGA card Function	X		
Change display resolution for onboard VGA & mini PCI VGA card	X		
Onboard VGA use primary monitor & mini PCI VGA card use extend mode	X		
Onboard VGA & mini PCI VGA card use dual view mode	X		
Play Video for over night	X		

### 2. O.S. Compatibility Test

Installation Operation System Compatibility Test			Result		
			Pass	Fail	N/A
Windows XP Professional English Version V2002 Service Pack 2			X		
Utility and Driver Test					
OS	Drivers Version		Result		
			Pass	Fail	N/A
Windows XP Professional English Version V2002 Service Pack 2	VGA	XGI Volari Z7-Z9-Z9s-Z11 v1.09.05 Driver Ver. 6.14.10.1090 Date: 10/19/2007	X		

### 3. BIOS Function Test

Test Item	Result		
	Pass	Fail	N/A
CRT / LCD Function Test	X		
On chip VGA:Enable \ Init display :Onboard /AGP (Into Windows , press CTRL + ALT + F1) ① Onboard VGA(Master), mini PCI VGA(extend slave mode) ② Only mini PCI VGA output (Master) , no extend mode.	X		
On chip VGA:Enable \ Init display :PCI slot (Into Windows logo display Blue screen)			X
On chip VGA:Disable \ Init display : Onboard /AGP (Into Windows logo mini PCI card hang-up ,onboard VGA no display)			X
On chip VGA:Disable \ Init display :PCI slot (Into Windows logo mini PCI card hang-up ,onboard VGA no display)			X
Mini PCI VGA only (BIOS setup On chip VGA:Enable \ Init display :Onboard /AGP) Into Windows show display ,DOS no display. (mini PCI VGA only just extend mode output)	X		

#### 4. M/B & PER-V05V Compatibility Test

Equipment Model	BIOS	Chipset	CPU	HDD	RAM	Result		
						Pass	Fail	N/A
<b>EMB-945T A1.0</b>	Test BIOS (02/27/2008)	Intel 945GM ICH7M	Intel Celeron M 440 1.86GHz	Maxtor 2F040L0 40GB	Transcend DDR2 256MB DDR2 533 (Hynix)	X		
<b>GENE-6350 A1.0</b>	Ver: 1.1 (11/03/2004)	VIA CLE 266 VIA VT8235	Intel Celeron 400MHz	Maxtor E-H011-02-3056 /30GB	Kingston DDR400 SODIMM 1GB (0728SPR V58C2512804SBJ5)	X		
<b>PCM-8120 A1.0</b>	PCM-8120 For DVI,TTL,TV, CRT (02/01/2007)	VIA C7 Eden(v4bus) / CX700M	Onboard VIA Esther 2000MHZ	Seagate ST340011A/80G B	Kingston DDR2-533 512MB / (HYB18T512 800AF37)	X		
<b>Gene-8310 A1.1</b>	Ver:1.61 (08/29/2007)	Intel 852GM ICH4	Intel ULV Celeron 600MHz	WD WD800BB-00J HA0 80GB	DSL /ELPIDA DD2516AKTA-6B-E /DDR333 / 256MB	X		