

Product Certification Report

Release No : 05E100022

Product Model	GENE-1425
Product Description	Intel IXP 422/425 Sub Compact Board
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : Gene-1425 Rev: A0.2 <input type="checkbox"/> BIOS : <input type="checkbox"/> Renew product <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS : <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS : <input type="checkbox"/> Component :

2005-04-18

Issue date

Wenyuan Yang

Manager

Andrew Ku

Test Engineer

Test Result for Certification

Default System Configuration			
CPU Type & FSB	Intel Xscale IXP 420		
Memory Type	ELPIDA / 45128163g5 / a75-9jf / 16MB		
CRT Mode	ViewSonic E773		
Power Type	EDAC / EA10201		
Operating System			
LINUX Version	2.4.20		
Kernel_Ramdisk	0x00180000 -- 0x00280000		
Ramdisk	0x00280000 -- 0x00580000		
Dynamic / Boot_UP Burn_In Test		Test Condition	Result
Diagnostics Software Burn-In Test.		0°C ~60°C , 48 hrs	Pass
Power On/Off Test.		0°C ~60°C , 24hrs	Pass
I/O Peripheral Function Test – I/O Function			Result
COM1			Pass
COM2			Pass
USB 1 & 2 Ports			Pass
USB Client Ports			Pass
Compact Flash Card			Pass
Mini PCI Card			Pass
DIO Function			Pass
DIMM Slots			Pass
Watchdog Software Control			Pass
I/O Peripheral Function Test – Front Panel & Function			Result
Reset Button			Pass
Power LED			Pass
LAN LED			Pass
I/O Peripheral Function Test – Power Connector & Function			Result
Power Connector			Pass
I/O Peripheral Function Test – LAN Connector & Function			Result
LAN Speed LED			Pass
LAN Active LED			Pass
LAN Link LED			Pass
LAN 10/100 Ethernet			Pass
Power Consumption Test			Result
ATX Power (+12V)			0.39A
Timer Accuracy Test			Result
Watchdog Timer Accuracy of +/-20% sec per minute.			Pass

Network HUB/LAN Connects Test (LAN)			Result
HUB	Type	Speed	
	HP J4095A 24 Ports	10/100 Mbps	Pass
	D-Link DGS-1008T	10/100 Mbps	Pass
	Intel Inbusiness 8 Ports	10/100 Mbps	Pass
	LEMEL LM-S5 5 Ports	10/100 Mbps	Pass
	Accton Desktop-3005	10/100 Mbps	Pass
	SVEC FD916H	10 Mbps	Pass
	LED Indicator Lights Function	LAN LED	Pass
USB Basic Function Test			Result
USB Cable of 5 Meters (USB1.1)			Pass
COM Port Send & Receive Test			Result
COM1 of 50 Meters			Pass
COM2 of 50 Meters			Pass
Digital I/O Connector Function Test			Result
Input / Output Address			Pass
Vcc / GND Function			Pass
Mini PCI Slot Compatibility			Result
Intel 82551QM/ER (PER-C100) Mini PCI Card			Pass