



LR Code: LR2A1N  
 Product Features:  
 GeForce 6200LE(NV44V) PCI Express 16x  
 16MB 32Bit, supporting 128MB  
 DVI-D/TVOUT/VGA  
**Product Approval Sheet**

Doc No. S2A1N-Intel-03

Date: Jan 24, 2006

Revision History :		
Revision	Description	Release Date
03	Revised to add the newly-approved memory.	Jan 24, 2006
02	Revised the memory clock to 275MHz	Jan , 2006
01	First Release for evaluation	Dec 13. 2005
<b>Approval :</b>		
Prepared By: Axel Lee		Date: Jan 24, 2006
Reviewed By:		Date:
Approved By:		Date:

## **1. General Overview**

### **1.1 System Requirements**

- System compatible with PCI Express Interface.
- 512MB of system memory for the maximum performance
- Installation software requires CD-ROM drive

### **1.2 Graphics Technology**

Nvidia GeForce 6200LE GPU

### **1.3 Memory Configuration**

- 16MB/32Bit of DDR memory on board, able to support 128MB memory

### **1.4 Operating System Support**

- Windows® XP
- Windows® 2000

### **1.5 Display Support**

DAC maximum resolution/refresh: 2048 × 1536 × 32 bpp at 75 Hz

Internal single link TMDS (optional DVI-I) 1600 × 1200 × 32 bpp at 60 Hz

### **1.6 Monitor Support**

- Register compatible with VGA
- Supports VESA PnP compatible displays
- BIOS compatible with VESA for super VGA
- DDC1/2b/2b+ monitor support
- VESA Display Power Management Support
- Separate horizontal and vertical synchronization at TTL levels

## 2. Product Details

### 2.1 Graphics Core(GPU)

Nvidia GeForce 6200LE

Core clock: 350 MHz

Voltage: 1.26 V ± 20 mV

Package size: 23 mm × 23 mm flip-chip plastic ball grid array (FCPBGA)

Number of Pipeline: 4

### 2.2 Memory

Type: 16MB TSOP DDR Memory, 4Mx32 (– 28)x1pcs, memory bandwidth: 32bit

- Memory Clock: 275MHz
- Memory Adopted:

Vendor	Part Number	Specification	Note
Hynix	HY5DU283222BFP-28	FBGA144/4Mx32	
Hynix	HY5DU283222AFP-28	FBGA144/4Mx32	

### 2.3 PCBA—

- Form factor
    - Bracket – ATX Bracket
    - PCB – Low Profile
  - Number of layers:4
  - PCB Size 6.600x2.713 inch
  - PCB REV: B
- Assembly REV: A2
- Color: Green:
  - Cooling system: Heatsink
  - Connectors: DVI-D, D-Sub and 4 mini din for S-Video TVOUT

### 2.4 Regulatory Standards

- CE
- FCC

### 2.5 Product number & description

LR2A1N, GeForce 6200LE, DVI-D/TVOUT/VGA 16M/32bit supporting 128M,

### 2.6 Hardware Monitor: Supported, and intergrated on chip.

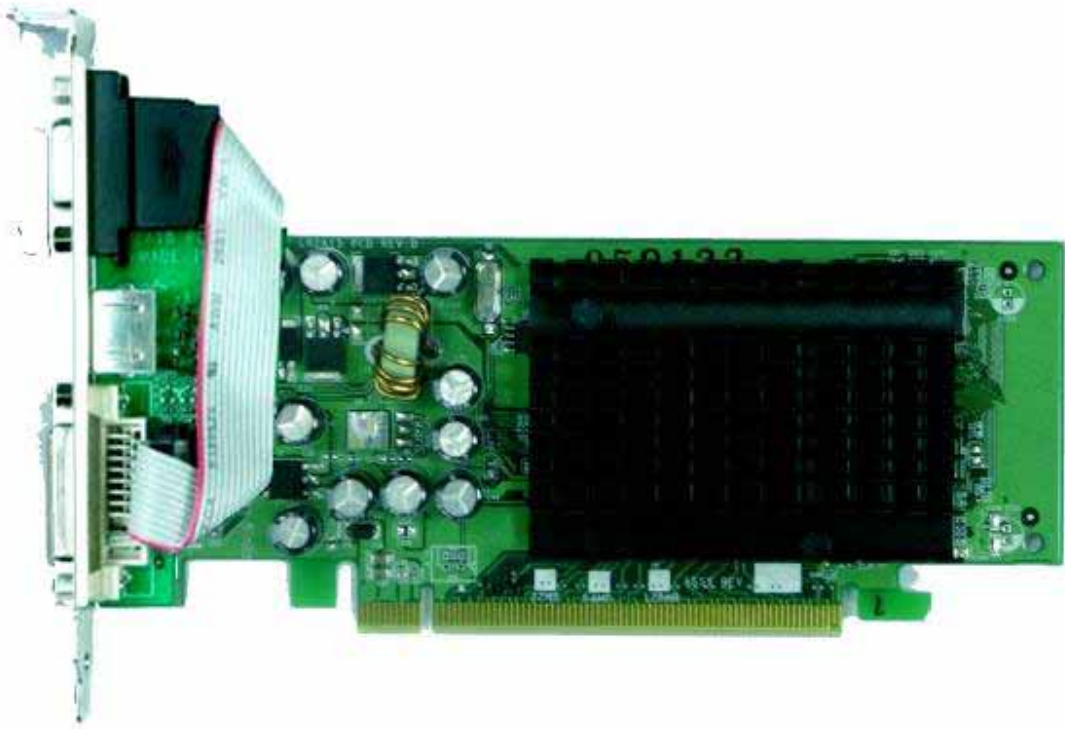
## 2.7 Resolution Table

Resolution	True Color Refresh Rate (Hz)													
	56	60	70	72	75	85	100	120	140	144	150	170	200	240
800X600	V	V	V	V	V	V	V	V	V	V	V	V	V	V
960X600		V	V	V	V	V	V	V	V	V	V	V	V	V
1024X768		V	V	V	V	V	V	V	V	V	V	V	V	
1088X612		V	V	V	V	V	V	V	V	V	V	V	V	
1152X864		V	V	V	V	V	V	V	V	V	V	V		
1280X720		V	V	V	V	V	V	V	V	V	V			
1280X768		V	V	V	V	V	V	V	V	V	V			
1280X800		V	V	V	V	V	V	V	V	V	V			
1280X960		V	V	V	V	V	V	V	V	V	V			
1280X1024		V	V	V	V	V	V	V	V	V	V			
1360X768		V	V	V	V	V	V	V	V	V	V			
1600X900		V	V	V	V	V	V	V						
1600X1024		V	V	V	V	V	V							
1600X1200		V	V	V	V	V	V							
1792X1344					V.									
1800X1440			V											
1920X1080		V	V	V	V	V								
1920X1200		V	V	V	V	V								
1920X1440		V	V	V	V	V								
2048X1536		V	V	V	V									
□: No Support			V: Support											

## 2.9 Optional Accerssories: S-Video to Composite Cable



### 3. Product photos:



End of product specification