

## Gigabyte GV-N610SL-1GI NVIDIA GeForce GT 610 1 GB GDDR3

**Brand :** Gigabyte

**Product code:** GVN610LGI-00-G11

**Product name :** GV-N610SL-1GI

GeForce GT 610 1GB Silent, DDR3, 64-bit, DVI-I/D-SUB/HDMI

Gigabyte GV-N610SL-1GI NVIDIA GeForce GT 610 1 GB GDDR3:

### GIGABYTE Silent Series.

- Powered by NVIDIA GeForce GT 610 GPU.
- Integrated with industry's best 1GB DDR3 memory 64-bit memory interface.
- Features Dual link DVI-I/ D-SUB/HDMI with HDCP protection.
- Silent thermal.
- Support NVIDIA 3D Vision™ Surround.
- Support NVIDIA® CUDA™ Technology.
- Support NVIDIA® PhyX™ Technology.
- System power supply requirement: 300W.

Gigabyte GV-N610SL-1GI. Graphics processor family: NVIDIA, Graphics processor: GeForce GT 610, Processor frequency: 810 MHz. Discrete graphics adapter memory: 1 GB, Graphics adapter memory type: GDDR3, Memory bus: 64 bit, Memory clock speed: 1200 MHz. Maximum resolution: 2560 x 1600 pixels. DirectX version: 12.0, OpenGL version: 4.2, Dual-link DVI. Interface type: PCI Express 2.0. Cooling type: Passive



Processor		Performance	
CUDA *	✓	DirectX version *	12.0
CUDA cores	48	Shader model version *	5.0
Graphics processor family *	NVIDIA	OpenGL version *	4.2
Graphics processor *	GeForce GT 610	HDCP	✓
Processor frequency *	810 MHz	Dual-link DVI *	✓
Shader clock	1620 MHz	NVIDIA 3D Vision	✓
Maximum resolution *	2560 x 1600 pixels	NVIDIA GameWorks VR	✗
Graphics card RAMDAC	400 MHz	NVIDIA G-SYNC	✗
Parallel processing technology support *	Not supported	Texture Fill Rate (TFR)	6.5 GTexel/s
Maximum analog resolution	2048 x 1536 pixels	Design	
Maximum digital resolution	2560 x 1600 pixels	Cooling type *	Passive
Stream processors	48	Form factor	Half-Height/Half-Length (HH/HL)
Maximum displays per videocard	2	Energy Management	
Memory		Minimum system power supply *	300 W
Discrete graphics card memory *	1 GB	Power consumption *	29 W
Graphics card memory type *	GDDR3	System Requirements	
Memory bus *	64 bit	Windows operating systems supported	✓
Memory clock speed	1200 MHz	Mac operating systems supported	✗
Ports & interfaces		Linux operating systems supported	✓
Interface type *	PCI Express 2.0	Other features	
HDMI ports quantity *	1	Mac compatibility	✗
DVI-I ports quantity *	1	HDMI	✓
VGA (D-Sub) ports quantity	1	Number of processors installed	1
Performance		Graphics card family	NVIDIA
PhysX	✓	Maximum operating temperature	102 °C
TV tuner integrated *	✗		



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