

**Model: NBC-G41**  
**PCIMG 1.0 Full Size SBC, Intel G41 Chipset**



**Main Feature:**

- Intel G41+ICH7 chipset, support 800MHz/1066MHz/1333 MHz FSB
- Support LGA775 Core2 Extreme, Core 2 Quad, Core 2 Duo, Celeron processor
- 2 X DDRIII RAM slot, DDRIII 800/1066MHZ dual-channel up to 8G
- 2 X RTL8111DL network chip, provide 2 X Gigabit LAN
- 2 X COM, 8 X USB, 4 X SATA, 1 X IDE
- Dimensions: 338mmx122mm

Specification	
Item	Description
System	
Product Type	PICMG1.0 SPEC Full Size CPU Card
Processor	Support LGA775 Intel Core2 Extreme/Core 2 Quad/Core 2 Duo/Celeron(800/1066/1333MHz FSB)
System Memory	2 X 240Pin DIMM socket, support DDRIII 800/1066MHz up to 8GB
Chipset	Intel G41 + ICH7
I/O Chip	W83627DHG-P
Ethernet	Realtek RTL8111DL, 10/100/1000Mbps, 2 x RJ-45
BIOS	8Mb Flash BIOS
Wake-on-LAN	Support
Watchdog	Trigger a system reset when the timer overflows
Hardware Monitoring	Support the monitoring of voltage, processor fan speed and temperature
Battery	Lithium battery
Power Supply	+12V, supplied by backplane

Motherboard Size	338mm X 122mm
Operation Temperature	0 °C to 60 °C
Storage Temperature	-40 °C to 80 °C
Relative Humidity	5%-95%(non-condensing)
<b>Display</b>	Support VGA display output
Controller	Intel G41 with Intel GMA X4500 integrated
Graphics Memory	Dynamic graphics memory up to 512 MB
Resolutions	CRT support up to 2048 X 1536@75Hz
<b>I/O</b>	
Storage	4 x SATAII,1 x IDE
COM	2 x RS-232
LPT	SPP/EPP/ECP mode
USB	8 x USB2.0
MS/KB	1x 6-pin internal mouse & keyboard port, 1x PS/2 port for mouse and keyboard
Audio	Realtek ALC662; support MIC-IN, Line-OUT and Line-IN