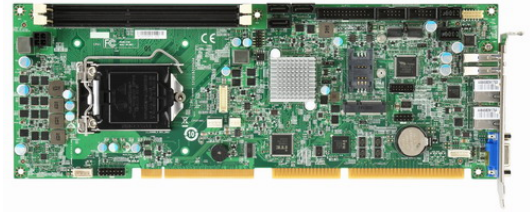


# SYS81820VGGA

PICMG1.0 Intel H81 Full CPU card w VGA/DVI/2GbE/HDA

## ■ Features

- LGA1150 for 4<sup>th</sup> Gen Intel Core i3/i5/i7/Pentium/Celeron Processors
- Intel® H81 PCH (Platform Controller Hub)
- 2 x 240pin DDR3/DDR3L 1333/1600MHz DIMM to 16GB
- 2 x Intel® PCI-E Gigabit Controller
- 3 x SATA, 2x COM Ports, 6 x USB
- 1 x Mini-PCIe Slot (Share mSATA slot)



## ■ Specifications

### >> System

Processor	LGA1150 Intel® Core i3/i5/i7/Pentium/Celeron processor (Haswell/Haswell Refresh)
Chipset	Intel® H81 PCH
DRAM	2 x 240pin DDR3/DDR3L 1333/1600MHz DIMM up to 16GB
BIOS	8MB AMI BIOS ROM
Power Supply	Standard ATX power connector from Backplane, Support AT/ATX Mode Power on
Watchdog	Watchdog timer function
Dimension	338mm x 122mm

### >> I/O Ports

HDD	1 x SATA 2.0 + 2 x SATA 3.0 ports
SSD	1 x mSATA Slot (Share Mini-PCIe slot)
Serial Port	1x RS232 + 1x RS232/422/485
Parallel	1 x LPT port
Audio	Realtek ALC887 for Line-Out/Line-In/Mic
LAN	2 x Intel® Gigabit Ethernet Controller (i217-LM + i210-AT)
USB	4 x USB2.0 + 2 x USB3.0
Digital I/O	1 x 8bits Digital I/O Connector
Expansion	1 x Mini-PCIe Slot (Share mSATA slot)

### >> Display

VGA	Up to 1920 x 1080 maximum Resolution
DVI-D	Up to 1920 x 1200 maximum Resolution

### >> Environment

Operation Temperature	0° ~60°C
Humidity	10~90%

## ■ Ordering Information

Model	Description
SYS81820VGGA	Intel® H81 PICMG1.0 Full CPU card w VGA/DVI/2GbE/Mini-PCIe
SYS81820VGA	Intel® H81 PICMG1.0 Full CPU card w VGA/DVI/GbE

