



# IGX 100-J1900

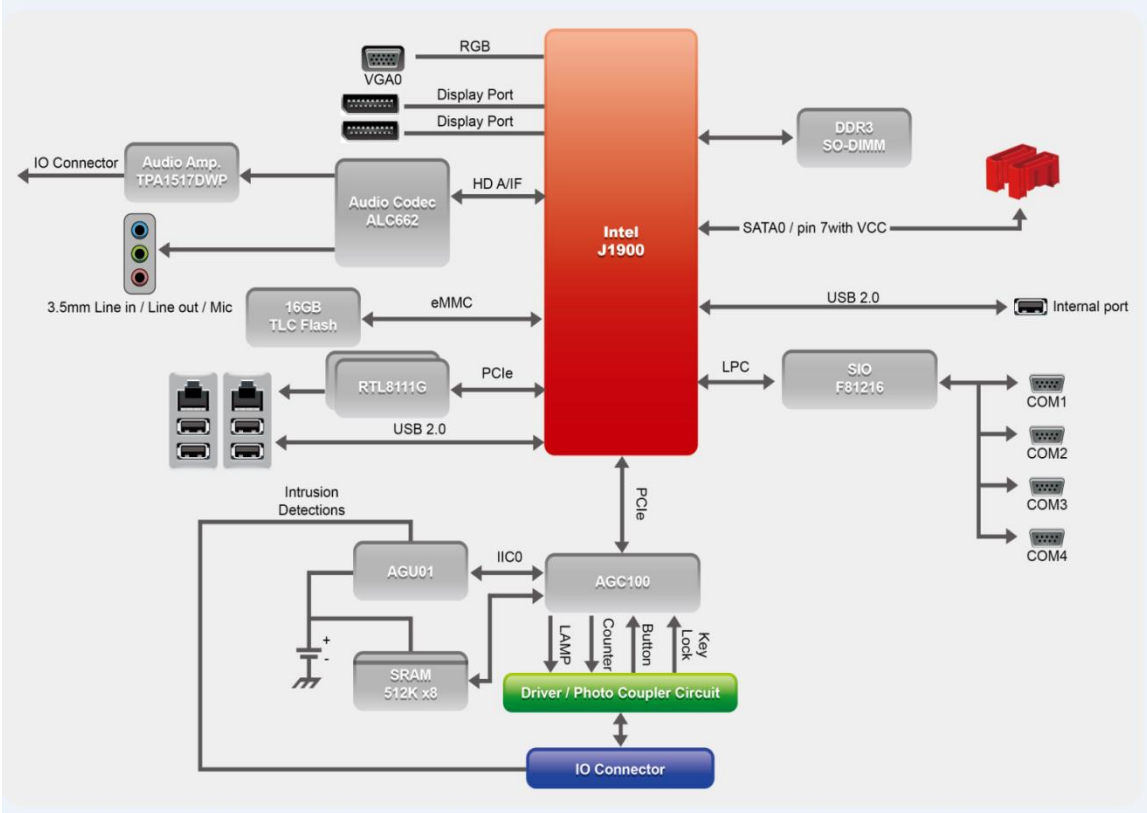
Intel all-in-one gaming system

## Key Features

- Cost effective with excellent performance/price
- Intel Quad Core 2.0GHz (Boost 2.42GHz) CPU with Intel 7th Generation Graphics
- On board eMMC 16GB
- 32 digital inputs + 32 digital outputs connected via PCI Express
- Compatible GLI features – GPIO, NVM, security, intrusion detectors and others
- Fan-less and low power consumption
- Customizable security mechanism
- Planned 5+2 Years long life support (2020)



## Block Diagram





## Specification

<b>Model</b>	IGX100-J1900
<b>CPU</b>	Intel Quad core 2.0GHz (Boost 2.42GHz), L2=2MB, TDP 10W
<b>Graphics</b>	Integrated Intel 7th Generation HD Graphics
<b>Display</b>	1x VGA + 2x DisplayPort , Maximum two displays
<b>Main Memory</b>	1 x DDR3 SO-DIMM, up to 8GB
<b>Storage Interface</b>	On board eMMC 16GB, option 32GB or 64GB 1 x SATA with pin 7 Power
<b>Audio</b>	3.5mm Line in/ Line out/Mic+ 18W Amp. to IO connector
<b>NVM</b>	Battery backup SRAM Default is 4MB (Option 8MB)
<b>Serial</b>	4 ports
<b>USB</b>	4 external ports USB2.0 1 internal port USB2.0
<b>LAN</b>	2 x 1Gbps RJ45
<b>Gaming IO</b>	64 Digital I/O Compliant
<b>Secured RTC</b>	YES
<b>Instruction</b>	7 points
<b>System Time stamp</b>	YES
<b>Power unstable trigger</b>	YES
<b>FAN</b>	Fanless
<b>Power Input</b>	DC +12V and +5V
<b>OS support</b>	Windows 32/64bit Win (ES) 7, 8.1 Linux X86/A64 Kernel 3.0.10+
<b>Operating Environment</b>	0°C ~ 50°C, 20-80 % humidity
<b>Dimension</b>	281 (W) mm x 164 (D) mm x 50 (H) mm

Product specifications are subject to change without notice.