### CPU
1. Built in with an Intel® Celeron® Quad-Core J1900 SoC (2.0 GHz)
   - * Do not disassemble the onboard SoC and the heatsink by yourself to avoid damage to these components.
2. 2 MB Cache

### Memory
1. 2 x DDR3/-L SO-DIMM sockets supporting up to 8 GB of system memory
   - * If only one DDR3/-L memory module is to be installed, be sure to install it in the SODIMM_1 socket.
2. Dual channel memory architecture
3. Support for DDR3/-L 1333 MHz memory modules
4. Support for non-ECC memory modules

### Onboard Graphics
1. 1 x D-Sub port, supporting a maximum resolution of 2560x1600
2. 1 x DVI-D port, supporting a maximum resolution of 1920x1080
   - * The DVI-D port does not support D-Sub connection by adapter.

### Audio
1. Realtek® ALC887 codec
2. High Definition Audio
3. 2/4/5.1/7.1-channel * To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.
4. Support for S/PDIF Out

### LAN
1. 2 x Realtek® GbE LAN chips (10/100/1000 Mbit)
Expansion Slots
1. 1 x PCI slot
2. 1 x Mini PCI Express x1 slot
   (The Mini PCI Express slot conforms to PCI Express 2.0 standard.)
   (For Mini-PCIE card/no mSATA card)

Storage Interface
Integrated in the SoC:
1. 2 x SATA 3Gb/s connectors

Integrated in the SoC:
1. 2 x USB 2.0/1.1 ports (available through the internal USB header)

USB
SoC + Renesas® uPD720210 USB 3.0 Hub:
1. 4 x USB 3.0/2.0 ports on the back panel

Internal I/O Connectors
1. 1 x 24-pin ATX main power connector
2. 1 x 4-pin ATX 12V power connector
3. 2 x SATA 3Gb/s connectors
4. 1 x CPU fan header
5. 1 x system fan header
6. 1 x front panel header
7. 1 x front panel audio header
8. 1 x S/PDIF Out header
9. 1 x USB 2.0/1.1 header
10. 1 x parallel port header
11. 1 x Clear CMOS jumper
12. 1 x chassis intrusion header
13. 1 x debug card header

Back Panel Connectors

1. 1 x PS/2 keyboard port
2. 1 x PS/2 mouse port
3. 1 x D-Sub port
4. 1 x DVI-D port
5. 2 x serial ports
6. 4 x USB 3.0/2.0 ports
7. 2 x RJ-45 ports
8. 3 x audio jacks (Line In, Line Out, Mic In)

I/O Controller

1. ITE® I/O Controller Chip

H/W Monitoring

1. System voltage detection
2. CPU/System temperature detection
3. CPU/System fan speed detection
4. CPU/System fan speed control
   * Whether the fan speed control function is supported will depend on the cooler you install.

BIOS

1. 2 x 64 Mbit flash
2. Use of licensed AMI UEFI BIOS
3. Support for DualBIOS™
4. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Unique Features

1. Support for @BIOS
2. Support for Xpress Install
3. Support for APP Center
   * Available applications in APP Center may differ by motherboard model.
   Supported functions of each application may also differ depending on motherboard specifications.

4. Support for ON/OFF Charge

**Bundle Software**

1. Norton® Internet Security (OEM version)
2. Intel® Smart Connect Technology

**Operating System**

1. Support for Windows 8.1/8 32-bit/64-bit
2. Support for Windows 7 64-bit
   * To support Windows 7 64-bit, please update the latest BIOS and drivers.

**Form Factor**

1. Mini-ITX Form Factor; 17.0cm x 17.0cm

**Remark**

1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.
2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP SP1/SP2. If drivers are available from the vendors, we will update them on the GIGABYTE website.

* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.
* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.
* All trademarks and logos are the properties of their respective holders.
* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.