

General	
Gaming Armor	<p>CPU Power</p> <ul style="list-style-type: none"> - Hi-Density Power Connector - Dual-Stack MOSFET (DSM) <p>Memory</p> <ul style="list-style-type: none"> - 15μ Gold Contact in DIMM Slots <p>VGA Card</p> <ul style="list-style-type: none"> - 15μ Gold Contact in VGA PCIe Slot (PCIe1) <p>Internet</p> <ul style="list-style-type: none"> - Intel® LAN <p>Cooling</p> <ul style="list-style-type: none"> - 8 Layer PCB - 4 x 2oz copper - Heat Pipe Design
Unique Feature	<p>ASRock USB 3.1</p> <ul style="list-style-type: none"> - ASRock USB 3.1 Type-A Port (10 Gb/s) - ASRock USB 3.1 Type-C Port (10 Gb/s) <p>ASRock Super Alloy</p> <ul style="list-style-type: none"> - Premium 60A Power Choke - Dual-Stack MOSFET (DSM) - Nichicon 12K Platinum Caps (100% Japan made high quality conductive polymer capacitors) - Matte Black PCB - High Density Glass Fabric PCB <p>ASRock 802.11ac WiFi</p> <p>ASRock Ultra M.2 (PCIe Gen3 x4 & SATA3)</p> <p>ASRock Full Spike Protection</p> <p>ASRock Live Update & APP Shop</p>
CPU	<ul style="list-style-type: none"> - Supports 6th Generation Intel® Core™ i7/i5/i3/Pentium®/Celeron® Processors (Socket 1151) - Digi Power design - 8 Power Phase design - Supports Intel® Turbo Boost 2.0 Technology - Supports Intel® K-Series unlocked CPUs - Supports ASRock BCLK Full-range Overclocking

Chipset	- Intel® Z170
Memory	<ul style="list-style-type: none"> - Dual Channel DDR4 Memory Technology - 2 x DDR4 DIMM Slots - Supports DDR4 4000+(OC)* / 3866(OC) / 3600(OC) / 3200(OC) / 2933(OC) / 2800(OC) / 2400(OC) / 2133 non-ECC, un-buffered memory* - Supports ECC UDIMM memory modules (operate in non-ECC mode) - Max. capacity of system memory: 32GB* - Supports Intel® Extreme Memory Profile (XMP) 2.0 - 15μ Gold Contact in DIMM Slots <div> <p>*Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation. Please refer to Memory Support List on ASRock's website for more information.</p> <p>4000+(OC) memory frequency can only be achieved when a single memory module is installed (Single channel memory).</p> </div>
BIOS	<ul style="list-style-type: none"> - 128Mb AMI UEFI Legal BIOS with multilingual GUI support - ACPI 5.0 Compliant wake up events - SMBIOS 2.7 Support - CPU, GT_CPU, DRAM, VPPM, PCH 1.0V, VCCIO, VCCPLL, VCCSA Voltage Multi-adjustment
Audio, Video and Networking	
Graphics	<ul style="list-style-type: none"> - Supports Intel® HD Graphics Built-in Visuals : Intel® Quick Sync Video with AVC, MVC (S3D) and MPEG-2 Full HW Encode1, Intel® InTru™ 3D, Intel® Clear Video HD Technology, Intel® Insider™, Intel® HD Graphics 510/530 - Pixel Shader 5.0, DirectX 12 - Max. shared memory 1792MB - Three graphics output options: 2 x HDMI ports and DisplayPort 1.2 - Supports Triple Monitor - Supports HDMI with max. resolution up to 4K x 2K (4096x2160) @ 24Hz / (3840x2160) @ 30Hz (on HDMI1) - Supports HDMI with max. resolution up to 4K x 2K (4096x2160) @ 60Hz (on HDMI2) - Supports DisplayPort 1.2 with max. resolution up to 4K x 2K (4096x2304) @ 60Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI Ports (Compliant HDMI monitor is required)

	<ul style="list-style-type: none"> - Supports Accelerated Media Codecs: HEVC, VP8, VP9 - Supports HDCP with HDMI and DisplayPort 1.2 Ports - Supports Full HD 1080p Blu-ray (BD) playback with HDMI and DisplayPort 1.2 Ports <div> <p>*Intel® HD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.</p> <p>**Due to chipset limitation, the Blu-ray playback of Intel® HD Graphics is only supported under Windows® 8 / 8 64-bit / 7 / 7 64-bit.</p> <p>***Intel® InTru™ 3D is only supported under Windows® 8 / 8 64-bit / 7 / 7 64-bit.</p> </div>
Audio	<ul style="list-style-type: none"> - 7.1 CH HD Audio with Content Protection (Realtek ALC1150 Audio Codec)* - Premium Blu-ray Audio support - Supports Surge Protection (ASRock Full Spike Protection) - Nichicon Fine Gold Series Audio Caps - TI® NE5532 Premium Headset Amplifier (Supports up to 600 Ohm headsets) - Supports DTS Connect <div> <p>*To configure 7.1 CH HD Audio, it is required to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.</p> </div>
LAN	<ul style="list-style-type: none"> - Gigabit LAN 10/100/1000 Mb/s - Giga PHY Intel® I219V - Supports Wake-On-LAN - Supports Lightning/ESD Protection (ASRock Full Spike Protection) - Supports Energy Efficient Ethernet 802.3az - Supports PXE
Wireless LAN	<ul style="list-style-type: none"> - Supports IEEE 802.11a/b/g/n/ac - Supports Dual-Band (2.4/5 GHz) - Supports high speed wireless connections up to 867Mbps - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology - Supports Bluetooth 4.0 / 3.0 + High speed class II
Expansion / Connectivity	

Slots	<ul style="list-style-type: none"> - 1 x PCI Express 3.0 x16 Slot (PCIE1: x16 mode)* - 1 x Half-size Mini-PCI Express Slot: For WiFi + BT Module - 15μ Gold Contact in VGA PCIe Slot (PCIE1) <div> *Supports NVMe SSD as boot disks </div>
Storage	<ul style="list-style-type: none"> - 6 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, RAID 1, RAID 5, RAID 10, Intel® Rapid Storage Technology 14 and Intel® Smart Response Technology), NCQ, AHCI and Hot Plug - 1 x SATA Express 10 Gb/s Connector* - 1 x Ultra M.2 Socket, supports type 2260/2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen3 x4 (32 Gb/s)** <div> *If M2_1 is occupied by a SATA-type M.2 device, SATA3_0, SATA3_1 and the SATA function of SATA_EXP0 will be disabled. Support to be announced **Supports NVMe SSD as boot disks </div>
Connector	<ul style="list-style-type: none"> - 1 x Chassis Intrusion Header - 1 x CPU Fan Connector (4-pin) (Smart Fan Speed Control) - 2 x Chassis Fan Connectors (4-pin) (Smart Fan Speed Control)* - 1 x 24 pin ATX Power Connector - 1 x 8 pin 12V Power Connector (Hi-Density Power Connector) - 1 x Front Panel Audio Connector - 1 x USB 2.0 Header (Supports 2 USB 2.0 ports) (Supports ESD Protection (ASRock Full Spike Protection)) - 1 x USB 3.0 Header (Supports 2 USB 3.0 ports) (Supports ESD Protection (ASRock Full Spike Protection)) <div> *CPU_FAN1 and CHA_FAN1 can auto detect if 3-pin or 4-pin fan is in use. The CPU Fan Connector supports the CPU fan of maximum 1A (12W) fan power. </div>
	<ul style="list-style-type: none"> - 1 x PS/2 Mouse/Keyboard Port - 2 x HDMI Ports - 1 x DisplayPort 1.2

Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar, XSplit
Accessories	<ul style="list-style-type: none"> - Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables - 1 x ASRock WiFi 2.4/5 GHz Antenna - 1 x Screw for M.2 Socket
Hardware Monitor	<ul style="list-style-type: none"> - CPU/Chassis temperature sensing - CPU/Chassis Fan Tachometer - CPU/Chassis Quiet Fan (Auto adjust chassis fan speed by CPU temperature) - CPU/Chassis Fan multi-speed control - CASE OPEN detection - Voltage monitoring: +12V, +5V, +3.3V, CPU Vcore, DRAM, VPPM, PCH 1.0V, VCCIO, VCCSA
Form Factor	<ul style="list-style-type: none"> - Mini-ITX Form Factor - 8 Layer PCB - 4 x 2oz copper
OS	<ul style="list-style-type: none"> - Microsoft® Windows® 10 64-bit / 8.1 64-bit / 7 32-bit / 7 64-bit* <div> <p>*To install Windows® 7 OS, a modified installation disk with xHCI drivers packed into the ISO file is required. Please check our User Manual for more detailed instructions.</p> <p>For the updated Windows® 10 driver, please visit ASRock's website for details.</p> </div>
Certifications	<ul style="list-style-type: none"> - FCC, CE, WHQL - ErP/EuP ready (ErP/EuP ready power supply is required)