



- 2x 2,50 Ghz max Boost !
- Full Spike Protection !

- ASRock Super Alloy
- Intel® Dual-Core Processor J3355 (up to 2.5 GHz)
- Supports DDR3/DDR3L 1866 SO-DIMM
- 1 PCIe 2.0 x16 (@2)
- Graphics Output Options: D-Sub, HDMI
- 7.1 CH HD Audio (Realtek ALC887 Audio Codec), ELNA Audio Caps
- 2x SATA3
- 5 USB 3.2 Gen1 (2 Front, 3 Rear)
- Supports Full Spike Protection, ASRock Live Update & APP Shop

ASRock Super Alloy

- High Density Glass Fabric PCB

ASRock Full Spike Protection

ASRock Live Update & APP Shop

Intel® Dual-Core Processor J3355 (up to 2.5 GHz)

Unique Feature

CPU

Memory	- Dual Channel DDR3/DDR3L Memory Technology - 2 x DDR3/DDR3L SO-DIMM Slots* - Supports DDR3/DDR3L 1866/1600/1333 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB**
BIOS	*2GB DRAM per module is not supported. - 64Mb AMI UEFI Legal BIOS with GUI support - Supports Plug and Play - ACPI 5.0 compliant wake up events - Supports jumperfree - SMBIOS 3.0 support - Integrated Intel® HD Graphics 500: 12 EUs inside (Up to 700MHz) - DirectX 12, Pixel Shader 5.0 - Dual graphics output: support D-Sub and HDMI ports by independent display controllers
Graphics	- Supports HDMI with max. resolution up to 4K x 2K (3840x2160) @ 30Hz or 2560x1600 @ 60Hz - Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz - Supports Auto Lip Sync, xvYCC and HBR (High Bit Rate Audio) with HDMI Port (Compliant HDMI monitor is required) - Supports HW Accelerated Decoders: H.264 @ level 5.2, HEVC (H.265) 10b @MP level 5.1 (GPU accelerated), JPEG, VP8, VP9 - Supports HDCP with HDMI Port - Supports Full HD 1080p Blu-ray (BD) playback with HDMI Port
Audio	- 7.1 CH HD Audio (Realtek ALC887 Audio Codec)* - Supports Surge Protection (ASRock Full Spike Protection) - ELNA Audio Caps - PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111GR - Supports Wake-On-WAN - Supports Wake-On-LAN
LAN	- Supports Lightning/ESD Protection (ASRock Full Spike Protection) - Supports LAN Cable Detection - Supports Energy Efficient Ethernet 802.3az - Supports PXE
Slots	- 1 x PCI Express 2.0 x16 Slot (PCIE1: x2 mode)
Storage	- 2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug - 1 x COM Port Header - 1 x Chassis Intrusion Header - 1 x TPM Header - 1 x CPU Fan Connector (3-pin) - 1 x Chassis Fan Connector (3-pin) - 1 x 24 pin ATX Power Connector - 1 x Front Panel Audio Connector
Connector	- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection (ASRock Full Spike Protection)) - 1 x USB 3.1 Gen1 Header (Supports 2 USB 3.1 Gen1 ports) (Supports ESD Protection (ASRock Full Spike Protection))*

*USB3_1_2 is shared with USB2_3.

Rear Panel I/O	- 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Parallel Port (ECP/EPP Support) - 1 x Serial Port: COM1 - 1 x D-Sub Port - 1 x HDMI Port - 1 x USB 2.0 Port (Supports ESD Protection (ASRock Full Spike Protection)) - 3 x USB 3.1 Gen1 Ports (Supports ESD Protection (ASRock Full Spike Protection)) - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jacks: Line in / Front Speaker / Microphone
Software and UEFI	Software - ASRock Power Gear - ASRock XFast LAN* UEFI - ASRock Power Gear - ASRock Instant Flash - ASRock Internet Flash - ASRock Crashless BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables - CPU/Chassis temperature sensing - CPU/Chassis Fan Tachometer - CPU/Chassis Quiet Fan (Auto adjust chassis fan speed by CPU temperature)
Hardware Monitor	- CPU/Chassis Fan multi-speed control - CASE OPEN detection - Voltage monitoring: +12V, +5V, +3.3V, CPU Vcore
Form Factor	- Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm - Solid Capacitor design
OS	- Microsoft® Windows® 10 64-bit - Linux: Ubuntu 16.10 / Fedora 25
Certifications	- FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)