



999.00 EUR

incl. 19% VAT, plus shipping

- **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

Unique Feature

**ASRock Super Alloy**

- High Density Glass Fabric PCB

**ASRock Full Spike Protection**

**ASRock Live Update & APP Shop**

CPU

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

## 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

## Graphics

- 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
- 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)

## LAN

- ELNA Audio Caps
- PCIE x1 Gigabit LAN 10/100/1000 Mb/s
- Realtek RTL8111GR
- Supports Wake-On-WAN
- Supports Wake-On-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

Connector	<ul style="list-style-type: none"> <li>- 1 x COM Port Header</li> <li>- 1 x Chassis Intrusion Header</li> <li>- 1 x TPM Header</li> <li>- 1 x CPU Fan Connector (3-pin)</li> <li>- 1 x Chassis Fan Connector (3-pin)</li> <li>- 1 x 24 pin ATX Power Connector</li> <li>- 1 x Front Panel Audio Connector</li> <li>- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection (ASRock Full Spike Protection))</li> <li>- 1 x USB 3.1 Gen1 Header (Supports 2 USB 3.1 Gen1 ports) (Supports ESD Protection (ASRock Full Spike Protection))*</li> </ul>
Rear Panel I/O	<p>*USB3_1_2 is shared with USB2_3.</p> <ul style="list-style-type: none"> <li>- 1 x PS/2 Mouse Port</li> <li>- 1 x PS/2 Keyboard Port</li> <li>- 1 x Parallel Port (ECP/EPP Support)</li> <li>- 1 x Serial Port: COM1</li> <li>- 1 x D-Sub Port</li> <li>- 1 x HDMI Port</li> <li>- 1 x USB 2.0 Port (Supports ESD Protection (ASRock Full Spike Protection))</li> <li>- 3 x USB 3.1 Gen1 Ports (Supports ESD Protection (ASRock Full Spike Protection))</li> <li>- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)</li> <li>- HD Audio Jacks: Line in / Front Speaker / Microphone</li> </ul>
Software and UEFI	<p><b>Software</b></p> <ul style="list-style-type: none"> <li>- ASRock Power Gear</li> <li>- ASRock XFast LAN*</li> </ul> <p><b>UEFI</b></p> <ul style="list-style-type: none"> <li>- ASRock Power Gear</li> <li>- ASRock Instant Flash</li> <li>- ASRock Internet Flash</li> <li>- ASRock Crashless BIOS</li> </ul>
Support CD	<ul style="list-style-type: none"> <li>- Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar</li> </ul>
Accessories	<ul style="list-style-type: none"> <li>- Quick Installation Guide, Support CD, I/O Shield</li> <li>- 2 x SATA Data Cables</li> </ul>

## Hardware Monitor

- 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

## Form Factor

- Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm

## OS

- Solid Capacitor design
- Microsoft® Windows® 10 64-bit
- Linux: Ubuntu 16.10 / Fedora 25

## Certifications

- FCC, CE
- ErP/EuP ready (ErP/EuP ready power supply is required)