



999.00 EUR

incl. 19% VAT, plus shipping

- **4x 3,20 Ghz max Boost !**
- **HDMI 4K @60Hz !**
- **Saphireblack PCB !**

- ASRock Super Alloy
- Intel® Quad-Core Pentium® Processor J5040 (up to 3.2 GHz)
- Supports DDR4 2133/2400 SO-DIMM
- 1x PCIe 2.0 x1, 1 M.2 (Key E)
- Graphics Output Options: D-Sub, HDMI, DVI-D
- 7.1 CH HD Audio (Realtek ALC892 Audio Codec), ELNA Audio Caps
- 4x SATA3
- 4x USB 3.2 Gen1 (2 Front, 2 Rear)
- Supports Full Spike Protection, ASRock Live Update & APP Shop

Unique Feature

ASRock Super Alloy

- Sapphire Black PCB
- High Density Glass Fabric PCB

ASRock Full Spike Protection (for all USB, Audio, LAN Ports)

ASRock Live Update & APP Shop

CPU

Intel® Quad-Core Pentium® Silver Processor J5040 (up to 3.2 GHz)

Memory

- Dual Channel DDR4 Memory Technology
- 2 x DDR4 SO-DIMM Slots*
- Supports DDR4 2400 / 2133 non-ECC, unbuffered memory
- Max. capacity of system memory: 8GB

(2GB DRAM per module is not supported.)

BIOS

- 128Mb 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® UHD Graphics 605: 18 EUs inside (Up to 800MHz)
- DX12, OpenGL 4.4, OGL ES 3.1, OpenCL 1.2
- HW Acceleration Decode: HEVC (H.265) 8 bit, HEVC (H.265)10 bit, H.264 @ Lvl5.2 (AVC), JPEG/MJPEG, VP8, VP9 8bit, VP9 10 bit
- HW Acceleration Encode: HEVC (H.265) 8 bit, HEVC (H.265)10 bit, H.264 @ Lvl5.2 (AVC), JPEG/MJPEG, VP8, VP9 8bit
- Three graphics output options: D-Sub, DVI-D and HDMI
- Supports Triple Monitor
- Supports HDMI with max. resolution up to 4K x 2K (4096x2160) @ 60Hz
- Supports DVI-D with max. resolution up to 1920x1200 @ 60Hz
- Supports D-Sub with max. resolution up to 2048x1536 @ 60Hz
- Supports Auto Lip Sync, xvYCC and HBR (High Bit Rate Audio) with HDMI Port (Compliant HDMI monitor is required)
- Supports HDCP 2.2 with DVI-D and HDMI Ports
- Supports Full HD 1080p Blu-ray (BD) playback with DVI-D and HDMI Ports

Audio

- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec)
- Premium Blu-ray Audio support
- Supports Surge Protection
- ELNA Audio Caps

LAN

- PCIE x1 Gigabit LAN 10/100/1000 Mb/s
- Realtek RTL8111H
- Supports Wake-On-LAN
- Supports Lightning/ESD Protection
- Supports Energy Efficient Ethernet 802.3az
- Supports PXE

Slots	<ul style="list-style-type: none"> - 1 x PCI Express 2.0 x1 Slot - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT module and Intel® CNVi (Integrated WiFi/BT)
Storage	<ul style="list-style-type: none"> - 2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug - 2 x SATA3 6.0 Gb/s Connectors by ASMedia ASM1061, support NCQ, AHCI and Hot Plug
Connector	<ul style="list-style-type: none"> - 1 x COM Port Header - 1 x Chassis Intrusion and Speaker 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 - 2 x USB 2.0 Headers (Support 3 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection)*
Rear Panel I/O	<p>*USB3_0_1 and USB_0_1 cannot be occupied simultaneously. Please connect a USB cable to one of these headers only.</p> <ul style="list-style-type: none"> - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x D-Sub Port - 1 x DVI-D Port - 1 x HDMI Port - 1 x Optical SPDIF Out Port - 2 x USB 2.0 Ports (Supports ESD Protection) - 2 x USB 3.2 Gen1 Ports (Supports ESD Protection) - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Software and UEFI	<p>Software</p> <ul style="list-style-type: none"> - ASRock XFast LAN <p>UEFI</p> <ul style="list-style-type: none"> - ASRock Instant Flash - ASRock Internet Flash
Support CD	<ul style="list-style-type: none"> - Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar
Accessories	<ul style="list-style-type: none"> - Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables - 1 x Screw for M.2 Socket

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

Certifications

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