



169.95 EUR

incl. 19% VAT, plus [shipping](#)

- 4x 3,20 Ghz max Boost !
- HDMI 4K @60Hz !
- Sapphireblack 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

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

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

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

(2GB DRAM per module is not supported.)

Unique Feature

CPU

Memory

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| BIOS | <ul style="list-style-type: none">- 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- 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 |
| Graphics | <ul style="list-style-type: none">- 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 | <ul style="list-style-type: none">- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec)- Premium Blu-ray Audio support- Supports Surge Protection- ELNA Audio Caps |
| LAN | <ul style="list-style-type: none">- 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)* |

*USB3_0_1 and USB_0_1 cannot be occupied simultaneously.
Please connect a USB cable to one of these headers only.

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| Rear Panel I/O | <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- Quick Installation Guide, Support CD, I/O Shield |
| Accessories | <ul style="list-style-type: none">- 2 x SATA Data Cables- 1 x Screw for M.2 Socket- CPU/Chassis temperature sensing- CPU/Chassis Fan Tachometer- CPU/Chassis Quiet Fan (Auto adjust chassis fan speed by CPU temperature) |
| Hardware Monitor | <ul style="list-style-type: none">- CPU/Chassis Fan multi-speed control- CASE OPEN detection- Voltage monitoring: +12V, +5V, +3.3V, CPU Vcore |
| Form Factor | <ul style="list-style-type: none">- Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm- Solid Capacitor design |
| OS | <ul style="list-style-type: none">- Microsoft® Windows® 10 64-bit |
| Certifications | <ul style="list-style-type: none">- FCC, CE- ErP/EuP ready (ErP/EuP ready power supply is required) |