

J3710-ITX

Product Specifications

General	
Unique Feature	ASRock Super Alloy - High Density Glass Fabric PCB ASRock Full Spike Protection ASRock Live Update & APP Shop
CPU	- Intel® Quad-Core Pentium® Processor J3710 (up to 2.64 GHz)
Memory	- Dual Channel DDR3/DDR3L Memory Technology - 2 x DDR3/DDR3L SO-DIMM Slots* - Supports DDR3/DDR3L 1600/1066 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB** *If only one SO-DIMM module is installed, please install it into DDR3_A1. **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.
BIOS	- 64Mb AMI UEFI Legal BIOS with GUI support - Supports Plug and Play - ACPI 5.0 compliant wake up events - Supports jumperfree - SMBIOS 2.7 support
Audio, Video and Networking	
Graphics	- Integrated Intel® HD Graphics 405: 16 EUs inside (Up to 740MHz) - DirectX 11.1, Pixel Shader 5.0 - Three graphics output options: DVI-D, HDMI and DisplayPort 1.1a - Supports Triple Monitor - Supports HDMI with max. resolution up to 4K x 2K (3840x2160) @ 30Hz or 2560x1600 @ 60Hz - Supports DVI-D with max. resolution up to 1920x1200 @ 60Hz - Supports DisplayPort 1.1a with max. resolution up to 4K x 2K (3840x2160) @ 30Hz or 2560x1600 @ 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, H.265/HEVC @ level 5 (GPU accelerated), JPEG, VP8 - Supports HDCP with DVI-D, HDMI and DisplayPort 1.1a Ports - Supports Full HD 1080p Blu-ray (BD) playback with DVI-D, HDMI and DisplayPort 1.1a Ports
Audio	- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) - Premium Blu-ray Audio support - Supports Surge Protection (ASRock Full Spike Protection) - ELNA Audio Caps
LAN	- 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
Expansion / Connectivity	
Slots	- 1 x PCI Express 2.0 x1 Slot - 1 x Half-size Mini-PCI Express Slot
Storage	- 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	- 1 x COM Port 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 - 2 x USB 2.0 Headers (Support 4 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))* *USB3_3_4 is shared with USB_5_6.
Rear Panel I/O	- 1 x PS/2 Mouse/Keyboard Port - 1 x DVI-D Port - 1 x HDMI Port - 1 x DisplayPort 1.1a - 1 x Optical SPDIF Out Port - 2 x USB 2.0 Ports (Supports ESD Protection (ASRock Full Spike Protection)) - 4 x USB 3.0 Ports (ASMedia ASM1074 hub) (Supports ESD Protection (ASRock Full Spike 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
Other Features / Miscellaneous	
Software and BIOS	Software - ASRock Power Gear - ASRock Disk Health Report - ASRock USB Key - ASRock XFast LAN - ASRock XFast RAM - ASRock Fast Boot (Fast Boot, Restart to UEFI)* UEFI - ASRock Power Gear - ASRock Instant Flash - ASRock Internet Flash - ASRock Crashless BIOS *These utilities can be downloaded from ASRock Live Update & APP Shop.
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 - 1 x WiFi Module Screw
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 - 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 32-bit / 10 64-bit / 8.1 32-bit / 8.1 64-bit / 7 32-bit / 7 64-bit* - Linux: Ubuntu 14.04.3 LTS / Ubuntu 15.04 / Ubuntu 15.10 / Fedora 23 / Zorin OS 10 / Arch Linux 2015.10.01 / clonezilla-live-20150915-wily-amd64 / Android-x86-4.4-r3 *To install Windows® 7 64-bit OS, a modified installation disk with xHCI drivers packed into the ISO file is required. Please check our User Manual for more detailed instructions. For the updated Windows® 10 driver, please visit ASRock's website for details.

Certifications

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

Caution:

Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

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