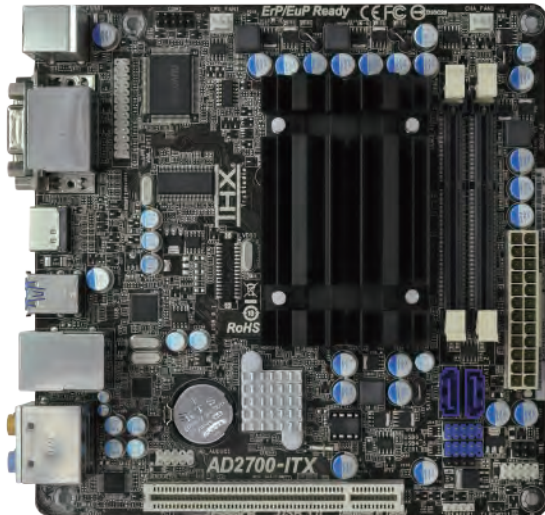


AD2700-ITX

Intel® Dual-Core Atom™ D2700 CPU + NM10 Express

ASRock
www.asrock.com



Product Brief

- Intel® Dual-Core Atom™ Processor D2700
- Supports DDR3 1066 memory, 2 SO-DIMM slots, Max capacity up to 4GB
- Built-in Intel® PowerVR SGX545, DirectX 9.0, Pixel Shader 3.0
- Multi-VGA Output : D-Sub, DVI-D and HDMI
- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec), Supports THX TruStudio™
- Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports
- PCIE Gigabit LAN
- 2 x USB 3.0
- Supports ASRock XFast LAN, XFast USB, On/Off Play, Graphical UEFI
- Free Bundle : 1 x 3.5mm audio cable, CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite

Detail Specification

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Platform | - Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm - All Solid Capacitor design |
| CPU | - Intel® Dual-Core Atom™ Processor D2700 (2.13 GHz) - Supports Hyper-Threading Technology |
| Chipset | - Southbridge: Intel® NM10 Express |
| Memory | - 2 x DDR3 SO-DIMM slots - Supports DDR3 1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 4GB |
| Expansion Slot | - 1 x PCI slot |
| Graphics | - Intel® PowerVR SGX545 - DirectX 9.0, Pixel Shader 3.0 - Three VGA Output options: D-Sub, DVI-D and HDMI - Supports HDMI 1.3a Technology with max. resolution up to 1920x1200 - Supports DVI with max. resolution up to 1920x1200 @ 60Hz - Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz - Supports HDCP function with DVI and HDMI ports - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback with DVI and HDMI ports |
| Audio | - 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) - Premium Blu-ray audio support - Supports THX TruStudio™ |
| LAN | - PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111E - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports Energy Efficient Ethernet 802.3az - Supports PXE |
| Rear Panel I/O | I/O Panel - 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 - 4 x Ready-to-Use USB 2.0 Ports - 2 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Rear Speaker / Central / Bass / Line In / Front Speaker / Microphone |
| USB 3.0 | - 2 x USB 3.0 ports by ASMedia ASM1042, support USB 1.0/2.0/3.0 up to 5Gb/s |
| Connector | - 2 x SATA 3.0 Gb/s connectors, support NCQ, AHCI and Hot Plug functions - 1 x IR header - 1 x CIR header - 1 x Print Port header - 1 x COM port header - CPU/Chassis FAN connector - 24 pin ATX power connector - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) |
| BIOS Feature | - 16Mb AMI UEFI Legal BIOS with GUI support - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support |
| Support CD | - Drivers, Utilities, AntiVirus Software (Trial Version), CyberLink MediaEspresso 6.5 Trial, ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; ASRock MAGIX Multimedia Suite - OEM) |
| Unique Feature | - ASRock Instant Boot - ASRock Instant Flash - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock XFast LAN - ASRock On/Off Play Technology - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.) |
| Hardware Monitor | - CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU/Chassis Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore |
| OS | - Microsoft® Windows® 7 32-bit compliant |
| Certifications | - FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required) |
| Accessories | - Quick Installation Guide, Support CD, I/O Shield - 1 x 3.5mm Audio Cable (Optional) - 2 x SATA Data Cables (Optional) |

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XFast LAN Technology

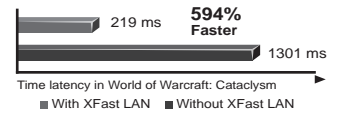


LAN Application Prioritization



You can configure your application priority ideally and/or add new programs.

Lower Latency In Game



Time latency in World of Warcraft: Cataclysm

After setting online game priority higher in XFast LAN, it can lower the latency in game.

Traffic Shaping



You can watch Youtube HD video and download files simultaneously.

Real-Time Analysis Of Your Data

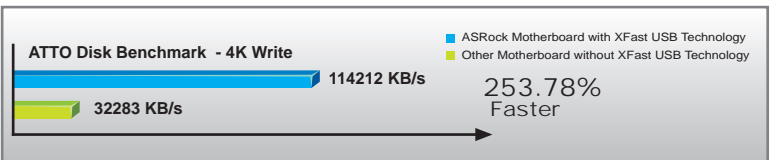
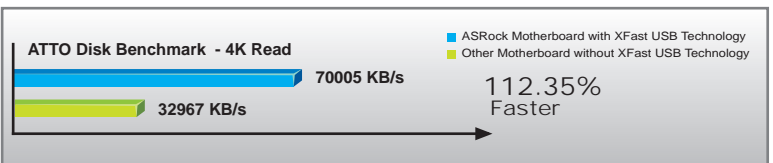


With the status window, you can easily recognize which data streams you are currently transferring.

XFast USB Technology

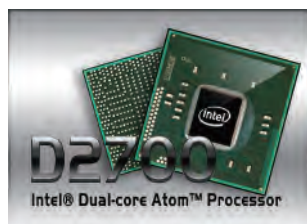


USB 3.0 Benchmark



Intel® Dual-Core Atom™ D2700 Processor Inside

The new Intel® Atom™ Dual-core D2700 processor brings the next-level computing experience to life with improved performance, low power consumption and new multimedia capabilities.



Fanless Design

The CPU was covered by a huge heatsink, allowing faster heat dissipation. Utilizing ultra quiet fanless design, ASRock motherboard provides a superb silent computing environment.



Blu-ray Full HD 1080p Playback

Supporting Blu-ray Full HD 1080p playback with DVI and HDMI ports, ASRock motherboard is able to deliver top-class video quality for High Definition content.



On/Off Play

Enjoy great audio experience from the portable audio devices via PC speaker even when the system is powered off.



USB 3.0

2 x USB 3.0 5Gb/s



THX TruStudio

Delivering the fullest audio experience for games, music and movies.



Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software



Graphical UEFI

* Graphical Visual Experience
* Mouse Enabling
* Supports 3TB bootable HDD



MAGIX Multimedia Suite

The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. Simply do more with your media than you ever thought possible.

