AD2700-ITX

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

ASRock®
www.asrock.com

Compatible with Windows® 7

intel Atom *Inside*

On/Off Play — Free Bundle — 3.5mm Audio Cable

Full HD 1080

THX TruStudio

Full HD 1080

10X Faster Up to 5 Gb/s — ASRock USB 3.0 SuperSpeed

D2700 Intel® Dual-core Atom™ Processor

Fanless Design

100% All Solid Capacitor design

MAGIX

CyberLink MediaEspresso 6.5 Trial

X Fast LAN — Faster Internet Access

X Fast USB — Boosts up your USB speed
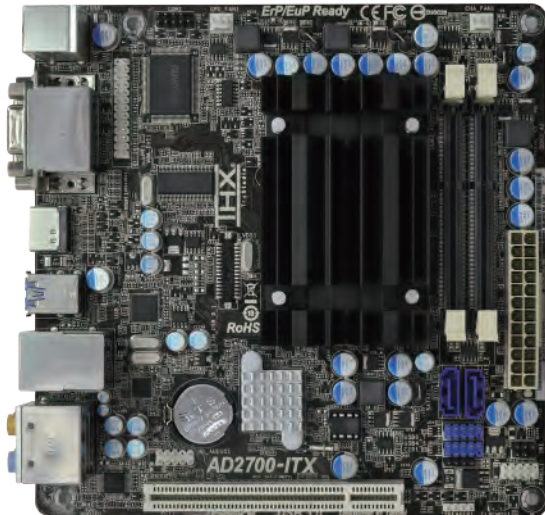
Product Brief

- 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 SATA2 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)

XFast LAN Technology

Faster Internet Access

● **LAN Application Prioritization**

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

● **Lower Latency In Game**

219 ms | **594% Faster**
1301 ms
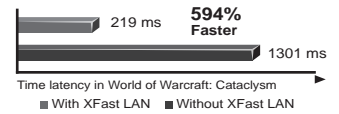
Time latency in World of Warcraft: Cataclysm
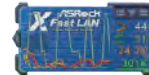■ With XFast LAN ■ Without XFast LAN

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

● **Traffic Shaping**

You Tube HD

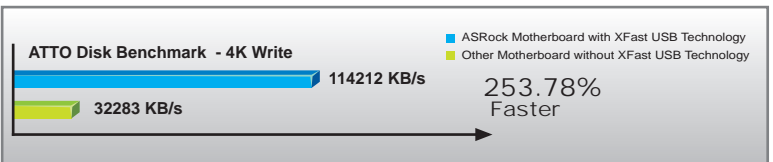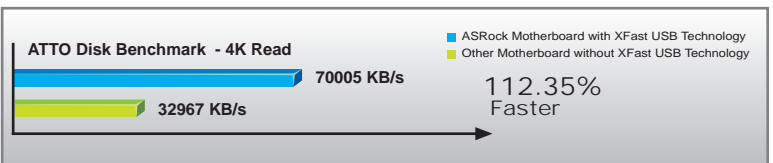You can watch Youtube HD video and download files simultaneously.

● **Real-Time Analysis Of Your Data**

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

XFast USB Technology

Boosts up your USB speed

USB 3.0 Benchmark

ATTO Disk Benchmark - 4K Read
■ ASRock Motherboard with XFast USB Technology
■ Other Motherboard without XFast USB Technology

70005 KB/s
32967 KB/s

112.35% Faster

ATTO Disk Benchmark - 4K Write
■ ASRock Motherboard with XFast USB Technology
■ Other Motherboard without XFast USB Technology

114212 KB/s
32283 KB/s

253.78% Faster

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.
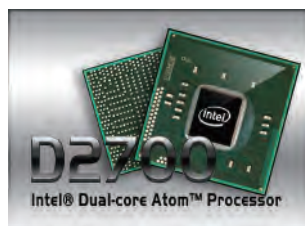
Fanless Design

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.

Intel® Dual-core Atom™ Processor

Fanless Design

Full HD 1080

On/Off Play

Free Bundle 3.5mm Audio Cable

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.

Up to 5 Gb/s
USB 3.0 SuperSpeed

THX TruStudio®

Trial MediaEspresso 6.5

ASROCK UEFI SETUP UTILITY

MAGIX