

AD2500B-ITX

Intel® Dual-Core Atom™ D2500 CPU + NM10 Express

ASRock
www.asrock.com



Product Brief

- Intel® Dual-Core Atom™ Processor D2500
- Supports DDR3 1066 memory, 2 SO-DIMM slots
- Built-in Intel® PowerVR SGX545, DirectX 9.0, Pixel Shader 3.0
- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
- Supports ASRock XFast LAN, XFast USB, Graphical UEFI
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite

Detail Specification

Platform	<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 for CPU power
CPU	<ul style="list-style-type: none">- Intel® Dual-Core Atom™ Processor D2500 (1.86 GHz)
Chipset	<ul style="list-style-type: none">- Southbridge: Intel® NM10 Express
Memory	<ul style="list-style-type: none">- 2 x DDR3 SO-DIMM slots- Supports DDR3 1066/800 non-ECC, un-buffered memory
Expansion Slot	<ul style="list-style-type: none">- 1 x PCI slot
Graphics	<ul style="list-style-type: none">- Intel® PowerVR SGX545- DirectX 9.0, Pixel Shader 3.0- Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz
Audio	<ul style="list-style-type: none">- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
LAN	<ul style="list-style-type: none">- Realtek PCIe x1 LAN RTL8105E- Speed: 10/100 Ethernet- Supports Wake-On-LAN- Supports PXE
Rear Panel I/O	<p>I/O Panel</p> <ul style="list-style-type: none">- 1 x PS/2 Mouse Port- 1 x PS/2 Keyboard Port- 1 x Parallel Port (ECP/EPP Support)- 1 x Serial Port: COM1- 1 x VGA Port- 4 x Ready-to-Use USB 2.0 Ports- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)- HD Audio Jack: Line in / Front Speaker / Microphone
Connector	<ul style="list-style-type: none">- 2 x SATA2 3.0 Gb/s connectors, support NCQ, AHCI and Hot Plug functions- 1 x IR header- 1 x CIR 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	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Drivers, Utilities, AntiVirus Software (Trial Version), CyberLink MediaEspresso 6.5 Trial, ASRock Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial; ASRock MAGIX Multimedia Suite - OEM)
Unique Feature	<ul style="list-style-type: none">- ASRock Instant Boot- ASRock Instant Flash- ASRock APP Charger- ASRock SmartView- ASRock XFast USB- ASRock XFast LAN- Hybrid Booster:<ul style="list-style-type: none">- CPU Frequency Stepless Control- ASRock U-COP- Boot Failure Guard (B.F.G.)
Hardware Monitor	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Microsoft® Windows® 7 32-bit compliant
Certifications	<ul style="list-style-type: none">- FCC, CE, WHQL- ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	<ul style="list-style-type: none">- Quick Installation Guide, Support CD, I/O Shield- 2 x SATA Data Cables (Optional)

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XFast LAN Technology

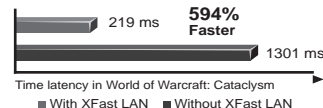


• LAN Application Prioritization



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

• Lower Latency In Game



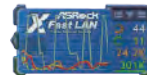
After setting online game priority higher in XFast LAN, it can lower the latency in game.

• Traffic Shaping



You can watch Youtube HD video and download files simultaneously.

• Real-Time Analysis Of Your Data

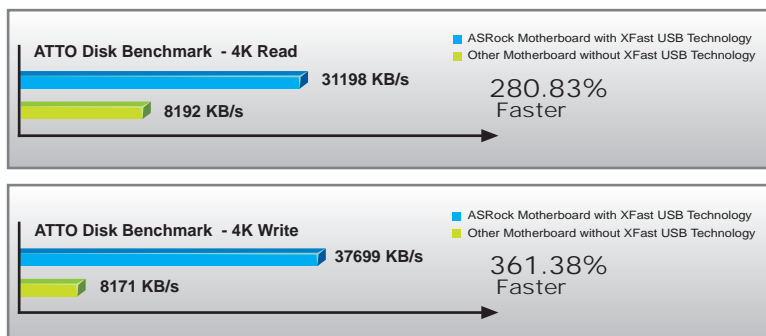


With the status window, you can easily recognize which data streams you are currently transferring.

XFast USB Technology

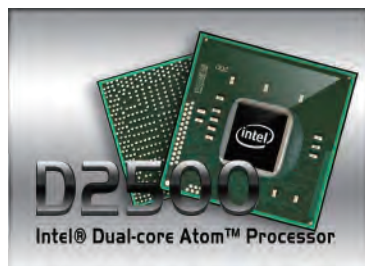


USB 2.0 Benchmark



Intel® Dual-Core Atom™ D2500 Processor Inside

The new Intel® Atom™ Dual-core D2500 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.



CyberLink MediaEspresso 6.5 Trial

The fastest video media conversion 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.



App Charger

The best Apple charge companion

