

M3N78D FX

NVIDIA® nForce 720D

ASRock
www.asrock.com



Product Brief

- Supports AM3+ Processor, 8-Core CPU
- Solid Capacitor for CPU power
- Supports Dual Channel DDR3 1800(OC)
- Supports Gigabit LAN 10/100/1000 Mb/s
- 7.1 CH HD Audio (VIA® VT1718S Audio Codec)
- Supports ASRock XFast USB, XFast LAN Technologies
- Supports ASRock Instant Boot, Instant Flash, OC DNA, APP Charger, SmartView
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite

Detail Specification

Platform	- ATX Form Factor: 12.0-in x 7.5-in, 30.5 cm x 19.1 cm - Solid Capacitor for CPU power
CPU	- Support for Socket AM3+ processors - Support for Socket AM3 processors: AMD Phenom™ II X6 / X4 / X3 / X2 (except 920 / 940) / Athlon II X4 / X3 / X2 / Sempron processors - Supports 8-Core CPU - Supports CPU up to 140W - AMD LIVE!™ Ready - Supports AMD's Cool 'n' Quiet Technology - FSB 2600 MHz (5.2 GT/s) - Supports Unlocked Overclocking Technology - Supports Hyper-Transport 3.0 (HT 3.0) Technology
Chipset	- NVIDIA® nForce 720D
Memory	- Dual Channel DDR3 memory technology - 4 x DDR3 DIMM slots - Supports DDR3 1800(OC)/1600(OC)/1333/1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 16GB
Expansion Slot	- 1 x PCI Express 2.0 x16 slot (blue @ x16 mode) - 3 x PCI Express x1 slots - 3 x PCI slots
Audio	- 7.1 CH HD Audio (VIA® VT1718S Audio Codec)
LAN	- Gigabit LAN 10/100/1000 Mb/s - Giga PHY Realtek RTL8211CL - Supports Wake-On-LAN - Supports PXE
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Coaxial SPDIF Out Port - 1 x Optical SPDIF Out Port - 4 x Ready-to-Use USB 2.0 Ports - 2 x Powered eSATA2/USB Connectors - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 4 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5 and JBOD), NCQ, AHCI and Hot Plug functions - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x COM port header - 1 x HDMI_SPDIF header - 1 x Chassis Intrusion header - 1 x Power LED header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 3 x USB 2.0 headers (support 6 USB 2.0 ports)
BIOS Feature	- 8Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - VCGM, NB Voltage Multi-adjustment - Supports NVIDIA® NVCC (NVIDIA® Clock Calibration)
Support CD	- 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	- ASRock OC Tuner - ASRock Intelligent Energy Saver - ASRock Instant Boot - ASRock Instant Flash - ASRock OC DNA - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock XFast LAN - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU Quiet Fan - CASE OPEN detection - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP Media Center / XP 64-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 - 2 x SATA data cables (optional)

XFast LAN Technology

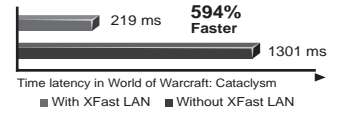


• LAN Application Prioritization



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

• Lower Latency In Game



Time latency in World of Warcraft: Cataclysm
 ■ 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 can watch Youtube HD video and download files simultaneously.

• Real-Time Analysis Of Your Data

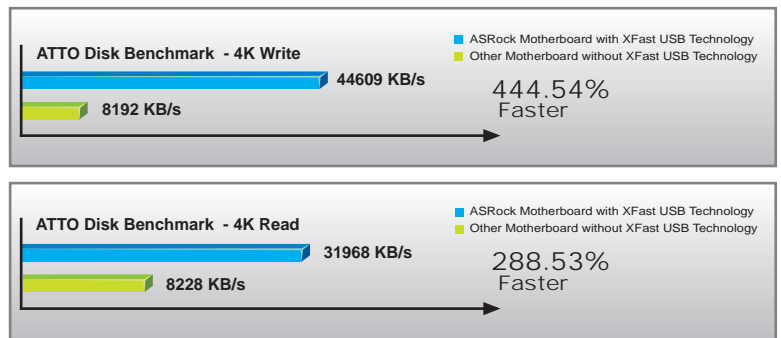


With the status window, you can easily recognize which data streams you are currently transferring.

XFast USB Technology



USB 2.0 Benchmark



AM3+ 8-Core Processor Support

Supporting socket AM3+ and 8-Core CPU, this board is designed to build up the most powerful system and deliver the most demanding technology for advanced users. Just enjoy next generation computing with ASRock 8-Core CPU ready motherboard!



Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software



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.



THX TruStudio

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



App Charger

The best Apple charge companion



SmartView

The smart start page for IE that combines your most visited web sites, history, Facebook friends and real-time newsfeed.



OC DNA

Save your OC settings as a profile and share with friends. Try OC DNA now!



Instant Boot

It takes only 3 to 4 seconds to boot up the system to Windows.



Instant Flash

Flash BIOS without having to enter operating systems like MS-DOS or Windows.



OC Tuner

ASRock OC Tuner is a user-friendly and untied tool which allows you to guard your system by hardware monitor function and overclock your hardware devices to get the best system performance

