

# N68-VGS3 FX

NVIDIA® GeForce 7025 / nForce 630a

**ASRock**  
www.asrock.com



## Product Brief

- Supports AM3+ Processor, 8-Core CPU
- Supports Dual Channel DDR3 1600
- Integrated NVIDIA® GeForce 7025 graphics, DX9.0 VGA, Pixel Shader 3.0
- Gigabit LAN 10/100/1000 Mb/s
- 5.1 CH HD Audio (VIA® VT1705 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

<b>Platform</b>	- Micro ATX Form Factor: 8.5-in x 7.0-in, 21.6 cm x 17.8 cm
<b>CPU</b>	- 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 UCC feature (Unlock CPU Core) - Supports AMD's Cool 'n' Quiet Technology - FSB 1000 MHz (2.0 GT/s) - Supports Unified Overclocking Technology - Supports Hyper-Transport Technology
<b>Chipset</b>	- NVIDIA® GeForce 7025 / nForce 630a
<b>Memory</b>	- Dual Channel DDR3 memory technology - 2 x DDR3 DIMM slots - Supports DDR3 1600/1333/1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB
<b>Expansion Slot</b>	- 1 x PCI Express x16 slot - 1 x PCI slot
<b>Graphics</b>	- Integrated NVIDIA® GeForce 7025 graphics - DX9.0 VGA, Pixel Shader 3.0 - Max. shared memory 256MB - Supports D-Sub with max. resolution up to 1920x1440 @ 60Hz
<b>Audio</b>	- 5.1 CH HD Audio (VIA® VT1705 Audio Codec)
<b>LAN</b>	- Gigabit LAN 10/100/1000 Mb/s - Giga PHY RTL8211CL - Supports Wake-On-LAN - Supports PXE
<b>Rear Panel I/O</b>	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 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
<b>Connector</b>	- 4 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5 and JBOD), NCO and "Hot Plug" functions - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Print Port header - 1 x COM port header - CPU/Chassis FAN connector - 24 pin ATX power connector - 4 pin 12V power connector - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports)
<b>BIOS Feature</b>	- 8Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports Jumperfree - SMBIOS 2.3.1 Support - CPU, VCCM Voltage Multi-adjustment
<b>Support CD</b>	- 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)
<b>Unique Feature</b>	- 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.)
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
<b>OS</b>	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA data cables (optional)

## XFast LAN Technology

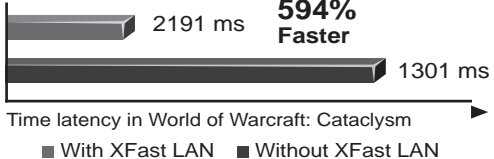


**1 LAN Application Prioritization**



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

**2 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.

**3 Traffic Shaping**



You can watch Youtube HD video and download files simultaneously.

**4 Real-Time Analysis Of Your Data**



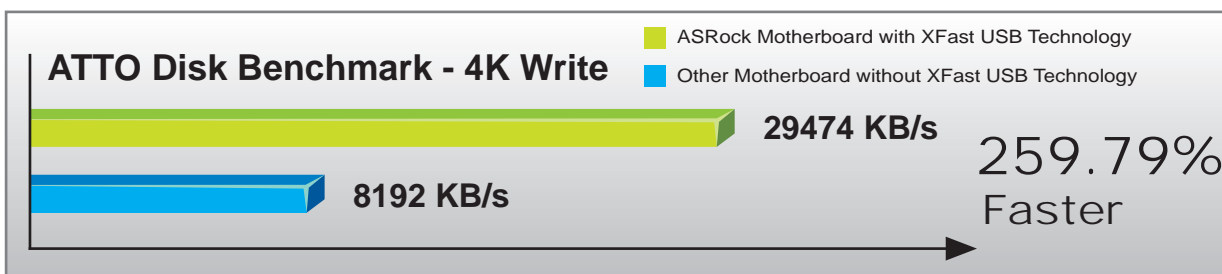
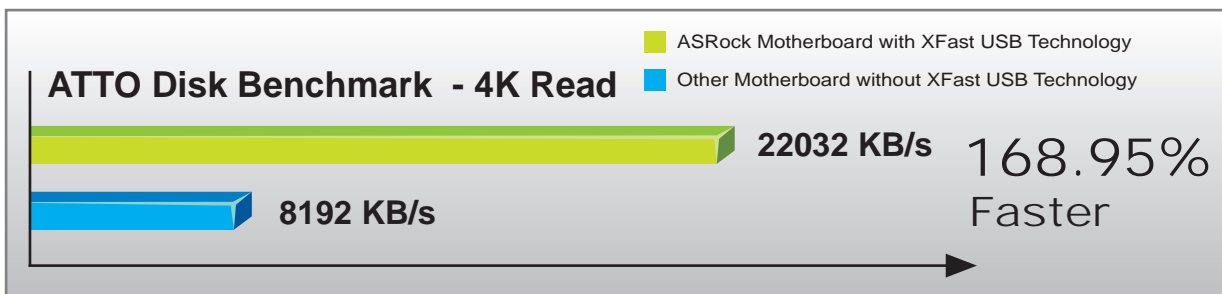
With the status window, you can easily recognize which data streams you are currently transferring.

## XFast USB Technology

The world's fastest USB transfer speed.

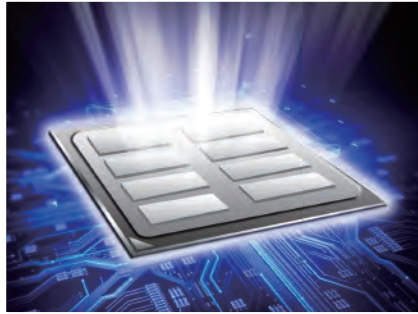


## USB 2.0 Benchmark



## 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 conversion 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.



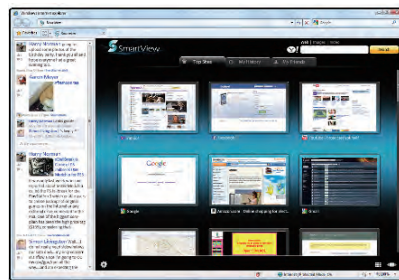
## App Charger

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

