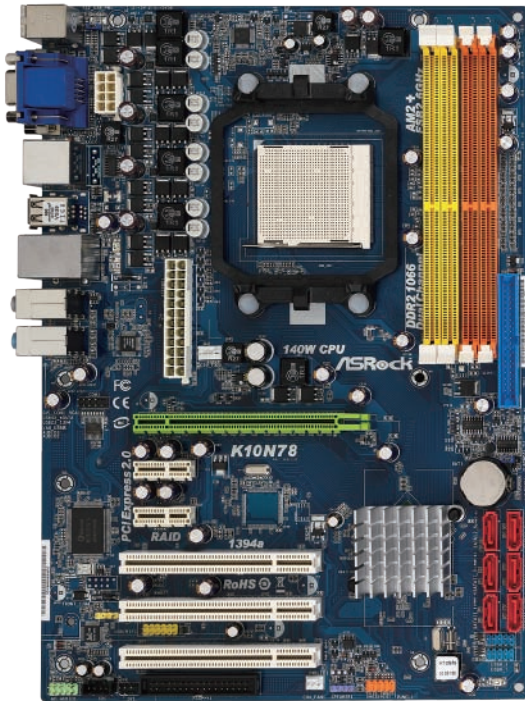


K10N78

NVIDIA® GeForce 8200 Chipset

ASRock®
www.asrock.com



140W
Phenom CPU

FSB 2600
MHz

DDR2 1066

PCI-E 2.0

NVIDIA® GeForce 8
DX10, PS 4.0

NVIDIA® Hybrid SLI

Gigabit LAN

Full HD 1080p
Blu-ray (BD) / HD-DVD playback

Dual VGA Output:
DVI-D & D-Sub ports

OC Tuner

Smart BIOS

Intelligent Energy Saver

Product Brief

- **AM3 CPU Ready**
- **Supports CPU up to 140W**
- **Supports NVIDIA® Hybrid SLI™**
- **NVIDIA® PureVideo™ HD Ready**
- **Supports Smart BIOS, ASRock OC Tuner,**
- Intelligent Energy Saver, Extra ESD Protection**

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

Detail Specification

Platform	- ATX Form Factor: 12.0-in x 8.4-in, 30.5 cm x 21.3 cm
CPU	- Support for Socket AM2+ / AM2 processors: AMD Phenom™ FX / Phenom / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor - Supports CPU up to 140W - AMD LIVE!™ Ready - Supports AMD's Cool 'n' Quiet Technology - FSB 2600 MHz (5.2 GT/s) - Supports Untied Overclocking Technology - Supports Hyper-Transport 3.0 (HT 3.0) Technology
Chipset	- NVIDIA® GeForce 8200
Memory	- Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDR2 1066/800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB
Expansion Slot	- 1 x PCI Express 2.0 x16 slot (green @ x16 mode) - 2 x PCI Express x1 slots - 3 x PCI slots - Supports NVIDIA® Hybrid SLI™
Graphics	- Integrated NVIDIA® GeForce 8200 - DX10 VGA, Pixel Shader 4.0 - Max. shared memory 512MB - Dual VGA Output: support DVI-D and D-Sub ports by independent display controllers - Supports HDCP function with DVI-D port - Supports 1080p Blu-ray (BD) / HD-DVD playback with DVI-D port - NVIDIA® PureVideo™ HD Ready
Audio	- 7.1 CH Windows® Vista™ Premium Level HD Audio (ALC888 Audio Codec) - Chipset embedded HDMI Audio
LAN	- Gigabit LAN 10/100/1000 Mb/s - Giga PHY RTL8211CL-GR - Supports Wake-On-LAN
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x VGA/D-Sub Port - 1 x VGA/DVI-D Port - 6 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: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 6 x Serial ATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 0+1, RAID 5, JBOD), NCQ, AHCI and "Hot Plug" functions - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x COM port header - 1 x HDMI SPDIF header - CPU/Chassis FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) - 1 x USB/WiFi header
BIOS Feature	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - CPU, DRAM, Chipset Core, HTT Voltage Multi-adjustment - Supports Smart BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Unique Feature	- ASRock OC Tuner - Intelligent Energy Saver - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.) - ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5%
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® XP / XP Media Center / XP 64-bit / Vista™ / Vista™ 64-bit compliant
Certifications	- FCC, CE, WHQL
Accessories	- Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 cables - 2 x SATA data cables (optional) - 1 x SATA 1 to 1 power cable (optional)