

# A-N78HD/ A-N78H

NVIDIA MCP78S Based AMD AM2/ AM2+ Micro ATX Mainboard,  
HT3.0, Dual DDR2 800, HD 7.1 CH Audio, GbE LAN, HDMI,  
IEEE1394 (Opt), Vista Premium H/W Ready

## CPU

- Socket AM2/ AM2+ 940 Processor with HT3.0 2600MT/s system bus using Hyper Transport™ Technology
- AMD Cool 'n' Quiet Technology

## Chipset

- NVIDIA® MCP78S single chipset

## Memory

- 4 x 240-pin DIMM sockets support max. memory capacity 8GB
- Supports Dual channel DDR2 800/ 667 Un-buffered ECC/ Non-ECC memory

## Graphics

- Integrated GeForce 8 Series Shader model 4.0 DirectX 10 graphics
- Hybrid SLI technology to increase the performance of discrete GeForce GPUs
- Dual Header Display Controller

## LAN

- On board GbE LAN

## Audio

- On board HD 7.1 CH Audio CODEC

## IEEE 1394 (Option)

- On board IEEE 1394 (For A-N78HD only)

## Expansion Slots

- 1 x PCI-E X16, 1 x PCI-E X1, 2 x PCI

## Internal I/O

- 1 x Floppy Port supports up to 2.88MB
- 1 x Ultra DMA 133/100/66/33 IDE Connector
- 4 x USB2.0 header (support 8 ports)
- 6 x SATA 3Gb/s connector
- 1 x HDMI Audio header (Opt)
- 1 x IEEE1394 header (Opt)

## Back Panel I/O

- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- 1 x HDMI, 1 x VGA
- 7.1 CH HD Audio connector (Front, Line-in, MIC-in, Center/Subwoofer, Surround, Rear Surround)
- 4 x USB2.0, 1 x RJ-45 LAN Connector, 1 x IEEE1394 (Opt)

## Serial ATA

- 6 x SATA 3Gb/s
- Supports SATA RAID 0/1/0+1/5 and JBOD

## Form Factor

- Micro ATX form factor 245 x 245mm
- PCB Color: Orange

## RoHS

- 100% lead-free process and RoHS Compliancy

## abit Engineered

- abit Softmenu Technology
- 100% Japanese Capacitor
- Low ESR and high ripple conductive polymer aluminum solid capacitor

## Back IO Placement:

PS/2KB				C/SW	Line in	IEEE 1394(Opt)	LAN
PS/2 Mouse				Rear Sur	Line out	USB	USB
	S/P DIF Out	HDMI	VGA	Side Sur	Mic	USB	USB

Model	Chipset	LAN	Audio	HDMI Audio Header	IEEE 1394	Remark	SVID/ SSID
A-N78HD	NVIDIA MCP78S	GbE	HD 7.1 CH	Yes	Yes	Default	147B/ 1C44
A-N78H		GbE	HD 7.1 CH	NA	NA	Reserve	147B/ 1C45