

## A960D+V3 Motherboard






- Socket AM3+
- Supports AMD FX Series/Phenom II Series/Athlon II Series /Sempron Series Processors
- Hyper Transport Technology up to 5.2G
- Support 2-DIMM DDR3-1866(OC)/ up to 16G maximum capacity
- Supports AMD Cool'n'Quiet Technology






### Specification

CPU SUPPORT	AMD FX™ Processor AMD Phenom™ II X6 Processor AMD Phenom™ II X4 Processor AMD Phenom™ II X3 Processor AMD Phenom™ II X2 Processor AMD Athlon™ II X4 Processor AMD Athlon™ II X3 Processor AMD Athlon™ II X2 Processor AMD Sempron™ Processor Maximum CPU TDP (Thermal Design Power) : 125Watt
HT	Support HT3.0 up to 5.2GT/s (Depends on AMD CPU Specification)
MEMORY	Support Dual Channel DDR3 800/1066/1333/1600(OC)/1866(OC) MHz 2 x DDR3 DIMM Memory Slot Max. Supports up to 16GB Memory *DDR3-1866 for AM3+ CPU only
INTEGRATED VIDEO	ATI Radeon™ HD3000 Graphics, On Board Graphic Max. Memory Share Up to 1024 MB
STORAGE	4 x SATA II Connector s (3Gb/s) 1 x IDE Connector Support SATA RAID: 0,1,10
LAN	Realtek RTL8111H - 10/100/1000Mb/s Controller
AUDIO CODEC	Realtek ALC662 6-Channel HD Audio
USB	4 x USB 2.0 Ports 2 x USB 2.0 Header
EXPANSION SLOT	1 x PCI-E 2.0 x16 Slot 1 x PCI-E 2.0 x1 Slot 1 x PCI Slot

REAR I/O	<ul style="list-style-type: none"> <li>1 x PS/2 Mouse</li> <li>1 x PS/2 Keyboard</li> <li>4 x USB 2.0 Ports</li> <li>1 x DVI Connector</li> <li>1 x VGA Port</li> <li>1 x LAN Port</li> <li>3 x Audio Jacks</li> </ul>
INTERNAL I/O	<ul style="list-style-type: none"> <li>2 x USB 2.0 Header</li> <li>4 x SATA II Connector (3Gb/s )</li> <li>1 x IDE Connector</li> <li>1 x Front Audio Header</li> <li>1 x Front Panel Header</li> <li>1 x CPU Fan Connector</li> <li>1 x System Fan Connector</li> <li>1 x Printer Port Header</li> </ul>
H/W MONITORING	<ul style="list-style-type: none"> <li>CPU / System Temperature Monitoring</li> <li>CPU / System Fan Monitoring</li> <li>Smart / Manual CPU Fan Control</li> <li>System Voltage Monitoring</li> </ul>
DIMENSION	Micro ATX Form Factor Dimension: 23.5cm x 19cm ( W x L )
OS SUPPORT	Supports Windows XP / Vista / 7 / 8 / 8.1 / 10
BUNDLE SOFTWARE	<ul style="list-style-type: none"> <li>BullGuard</li> <li>BIO-Remote2</li> <li>Smart Speed LAN</li> </ul>
ACCESSORIES	<ul style="list-style-type: none"> <li>2 x SATA Cable</li> <li>1 x I/O Shield</li> <li>1 x DVD Driver</li> <li>1 x Quick Guide</li> </ul>
FEATURES	<ul style="list-style-type: none"> <li>Supports Solid capacitor</li> <li>BIO-FLASHER</li> <li>Supports Charger Booster</li> <li>Supports BIOS Online Update</li> </ul>

## OVERVIEW

	<p><b>AM3/AM2+ Support</b></p> <p>Supporting upcoming AMD Socket AM3/AM2+ 45nm processors, it delivers better overclocking capabilities and reduces power consumption. Moreover, AM3 CPU supports both DDR2 /DDR3 memory module and accelerates data transfer rate by up to 5200MT/s via HyperTransport 3.0 technology.</p>
	<p><b>HD Audio</b></p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p><b>DVI</b></p> <p>DVI is better than VGA for LCD displays since it is digital while VGA is analog. For LCD displays, the picture is digitized pixel per pixel. Through DVI, the panel gets data for each pixel, so the picture generated in the Graphics device matches the pixels on the panel itself.</p>

	<h3>Moistureproof of PCB</h3> <p>The popularity of PC usage and working environment is getting deteriorating and moist (rural, coastal, etc.). The PCB will be oxidizing easily by damp or absorbed moisture, and ionic migration or CAF (Conductive Anodic Filament) will be generated. Moisture-proof PCB meets high density and high reliability requirements for moisture proof.</p>
	<h3>Low RdsOn P-Pak MOS</h3> <p>Low resistance design can significantly reduce the current out of energy loss. Low temperature, small size, excellent thermal conductivity.</p>
	<h3>ESD Protection</h3> <p>ESD (Electrostatic Discharge) is the major factor to destroy the PC by electrical overstress (EOS) condition. ESD occurred by PC users when touch any devices connect to a PC, which may result in damage to the motherboard or parts. ESD protection is designed to protect the motherboard and equipment from damage by EOS.</p>
	<h3>USB Polyswitch</h3> <p>On board dedicated power fuse to help prevent USB port failure. It prevents USB Port overcurrent and safe guard your system and device lifespan.</p>
	<h3>OC / OV / OH Protection</h3> <p>OC / OV / OH Protection design detects overvoltage conditions and prevents voltage surges from spreading in real time. It also actively cuts off the overvoltage supply to protect your system.</p>

\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!