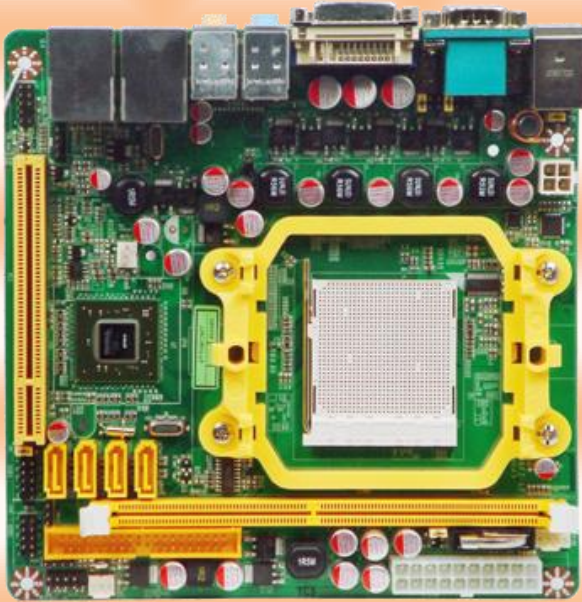


Jetway J6C2 mini ITX Special Features



- The first Mini-ITX to support AMD AM2+ CPU
- The first Mini-ITX to fully support Blu-Ray DVD and HD-DVD.
- The First Mini-ITX to support 1066Mhz DDR-II memory
- The best Mini-ITX 3D mark performance.
- Paired with an AMD CPU, all the key features needed for the next generation
- HyperTransport 3.0 $\times 16$ to the AMD Socket AM2/AM2+ processor
- Support for RAID 0, RAID 1, RAID 0+1, RAID 5, and JBOD

DirectX 10 Shader Model 4.0 Graphics Processing Unit

- ❑ NVIDIA CineFX® 4.0 Shading Architecture
- ❑ Supports Microsoft DirectX 10 Vertex Shader 4.0
- ❑ Up to 16 textures per rendering pass

Programmable PureVideo HD Video Processor

- ❑ Full HD-DVD and Blu-Ray hardware decoding to minimize CPU utilization
- ❑ Full bitrate h.264, VC1, and MPEG2 video decode
- ❑ Inverse telecine (2:2 and 3:2 pull-down correction)
- ❑ Microsoft® Video Mixing Renderer (VMR) support

Dual Head Display Controller

- ❑ Full NVIDIA® nView® multi-display technology capability, with two independent display controllers for the CRT, HDMI/DVI interfaces
- ❑ Each controller can drive same or different display contents to different resolutions and refresh rates
- ❑ Video mirroring support
- ❑ DisplayCache support

Integrated HDMI Interface

- ❑ Up to UXGA resolution support (1600x1200)
- ❑ Secure digital audio merged from integrated HDA codec for HDMI
- ❑ HDCP key storage in SBIOS, eliminating the need for an external HDCP ROM
- ❑ Supports HDMI 1.3 and video resolution up to 1920 \times 1200
- ❑ Supports CEC (Consumer Electronic Control)
- ❑ Supports HD resolutions of 720p and 1080p

Jetway J6C2 mini ITX Special Features

Integrated Serial ATA Interface

- ❑ AHCI-compliant controller with integrated PHYs (supports six drives in master mode)
- ❑ Legacy IDE operation is only supported on drives 1–4
- ❑ Compliant with ATA/ATAPI-7 Volume 3 Serial ATA standards
- ❑ Supports Native Command Queuing (NCQ)
- ❑ Supports Tagged Command Queuing (TCQ)
- ❑ High-speed, low-voltage, low-pin count
- ❑ Compliant with the Serial ATA II specification 3 Gbps per direction per channel
- ❑ Supports Serial ATA ATAPI devices
- ❑ Hot plug support
- ❑ SATA slumber mode support

High Definition Audio Interface

- ❑ High Definition Audio Specification 1.0 compliant
- ❑ Supports both 44.1 kHz and 48 kHz sample formats
- ❑ Supports streams with sample rates up to 192 kHz
- ❑ Supports streams with sample widths up to 32 bits
- ❑ Compliant with Microsoft's Universal Audio Architecture (UAA) initiative
- ❑ Standard interface supported by Microsoft in-the-box audio drivers

HDMI with HDCP



DirectX 10 for Everyone



HD at 1080p for Everyone



Stutter Free HD Playback

Jetway J6C2 mini ITX Special Features

| | NVIDIA GeForce 8200 | NVIDIA GeForce 7050 PV and NVIDIA nForce 630a | NVIDIA GeForce 7025 and NVIDIA nForce 630a | NVIDIA Quadro NVS 210S and NVIDIA nForce 430 | NVIDIA GeForce 6150 LE and NVIDIA nForce 430 | NVIDIA GeForce 6150 SE and NVIDIA nForce 430 | NVIDIA GeForce 6100 and NVIDIA nForce 430 | NVIDIA GeForce 6100 and NVIDIA nForce 405 |
|--|--|--|---|---|---|---|--|--|
| CPU | Phenom Athlon 64 X2 Athlon 64 Sempron | Athlon 64 X2 Athlon 64 Sempron | Athlon 64 X2 Athlon 64 Sempron | Athlon 64 X2 Athlon 64 Sempron | Athlon 64 Sempron | Athlon 64 Sempron | Athlon 64 Sempron | Athlon 64 Sempron |
| Supported Sockets | AM2+ | AM2 | AM2 | 939, AM2 | 939, 754, AM2 | 939, 754, AM2 | 939, 754, AM2 | 939, 754, AM2 |
| GeForce Boost Technology | Yes | No | No | No | No | No | No | No |
| HybridPower™ Technology | Yes | No | No | No | No | No | No | No |
| NVIDIA PureVideo HD | Yes | No | No | No | No | No | No | No |
| NVIDIA PureVideo | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes |
| DirectX 10 Support | Yes | No | No | No | No | No | No | No |
| DirectX 9.0 Shader Model 3.0 Support | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Integrated HDMI | Yes | Yes | No | No | No | No | No | No |
| HDCP Support | Yes | Yes | Yes | No | No | No | No | No |
| TV Encoder | No | Yes* | No | Yes | Yes | sDVO -> TV | sDVO -> TV | No |
| DVI Support | Yes | Yes | Yes | Yes | Yes | sDVO -> DVI | sDVO -> TV | No |
| PCI-Express | 1x16 3x1 | 1x16 3x1 | 1x16 3x1 | 1x16 2x1 | 1x16 2x1 | 1x16 2x1 | 1x16 1x1 | 1x8 2x1 |
| HD Video Playback | Yes | Yes | No | No | No | No | No | No |
| SD Video Playback | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Audio | HDA | HDA | HDA | HDA / AC97 | HDA / AC97 | HDA | HDA | HDA |
| Video Scaling | High Quality (5x4) | High Quality (5x4) | Basic (2x2) | Basic (2x2) | Basic (2x2) | Basic (2x2) | Basic (2x2) | Basic (2x2) |
| SATA/PATA drives | 6/2 | 4/2 | 4/2 | 4/4 | 4/4 | 4/2 | 4/4 | 2/2 |
| SATA speed | 3Gb/s | 3Gb/s | 3Gb/s | 3Gb/s | 3Gb/s | 3Gb/s | 3Gb/s | 3Gb/s |
| RAID | 0,1,0+1,5 | 0,1,0+1,5 | 0,1,0+1,5 | 0,1,0+1,5 | 0,1,0+1,5 | 0,1,0+1,5 | 0,1,0+1,5 | 0,1 |
| NVIDIA MediaShield storage technology | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Ethernet | 10/100/1000 | 10/100/1000 | 10/100/1000 | 10/100/1000 | 10/100/1000 | 10/100/1000 | 10/100/1000 | 10/100 |
| USB ports | 12 | 12 | 10 | 8 | 10 | 10 | 10 | 8 |