

# GEMINI



## Key Features

- Thermally Advantaged Mini-Tower
- AMD® 690G Chipset
- Athlon™ 64 X2 Processor (Dual Core)
- Athlon™ 64FX Processor
- Athlon™ 64 Processor
- 64-bit AMD® Sempron Processor
- Supports Windows Vista™
- 1000 MHz Front Side Bus
- Integrated Radeon X1250 Graphics
- Gigabit LAN
- Dual Channel DDR2 SDRAM
- Up to 10 USB 2.0 Ports
- Supports Windows Vista™
- 350W 80 PLUS High-Efficiency Power Supply
- FCC DoC, UL Listed, EPA Energy Star Compliant
- DMI, ACPI, PC '01 Compliant

## Gemini Series Workstation

The Gemini CK3-M334 is a bold declaration that style and substance do matter, fusing thoughtful engineering with a sleekly redesigned chassis. When powered by the latest AMD Athlon™ 64 X2 Dual Core processor featuring AMD HyperTransport™ technology and Direct Connect Architecture, stability and performance are perfectly blended in a more powerful desktop, effortlessly running programs faster and allowing for more efficient multi-tasking. This configuration also supports future compatibility for the upcoming AMD Tri-Core and Quad-Core Opteron™ processor technology. The integrated AMD 690G Series Chipset features Avivo™ technology, delivering vibrant images and smooth video playback. And thanks to the AMD Cool'n'Quiet™ technology, Gemini runs more quietly and can aid in reduced power usage and lower energy costs. With up to 10 high-speed USB 2.0 ports, it is simple to connect to peripheral, communication and consumer electronic devices. In short, the Gemini CK3-M334 is a highly capable platform which can boost the increased office productivity critical to keeping your business ahead of the competition.



# Model CK3-M334

# Gemini Series Workstation

## Processor

Socket AM2 Package  
1000 MHz Front Side Bus (FSB)  
Athlon 64 X2 Dual-Core CPU: 3600+ to 6000+  
1.9 GHz to 3.0 GHz (1000 MHz FSB)  
Athlon 64FX CPU: FX-60  
2.6 GHz (1000 MHz FSB)  
Athlon 64 CPU: 3000+, 3200+, 3500+, 3800+, and 4000+  
1.8 GHz to 2.6 GHz (1000 MHz FSB)  
Sempron: LE-1100 to LE-1300, 2800+ to 3800+  
1.6 GHz to 2.2 GHz (1000 MHz FSB)

## Chipset

AMD® 690G Chipset  
HyperTransport Connection to CPU  
Radeon X1250 Graphic Integrated Shared Up to 512MB  
8 or 16 Bit Control/Address/Data Transfer Both Directions  
1GHz "Double Data Rate" Operation Both Directions

## BIOS

4 Mbit Flash ROM  
AMI BIOS - DMI 2.0, WfM 2.0, Plug & Play,  
Award® JumperFree Trend® ChipAway Virus, SM BIOS 2.3  
PC '01 Compliant

## System Memory

Two 240-pin DDR2 800/667/533 SDRAM Memory  
Unbuffered ECC and non-ECC DIMMs  
Dual Channel Memory Architecture  
512 MB, 1 GB and 2 GB  
Maximum Memory capacity of 4 GB

## System Management

Hardware, Voltage and Thermal Monitoring  
Enhanced Advanced Configuration and Power Interface (ACPI) v1.0b  
LAN Wake, Resume-on-Ring, Wake-from-USB, and Wake-from-PS/2 Devices Support  
Instantly Available PC Technology  
Alert Standard Format (ASF) v2.0

## Integrated PCI IDE

First Independent Channel via AMD® ATI SB600 Chipset  
Supports Two IDE Drives  
Supports Bus Master Ultra DMA/66/100/133 (133 MB/sec maximum)

## Integrated SATA/RAID

ATI SB600 Chipset, 4 Independent Channels  
Supports 4 Serial ATA Devices  
Supports 3 GB/sec maximum (SATA-IO Specification)  
Supports RAID 0, RAID 1 or RAID 0 +1

## Integrated Video

Integrated Radeon X1250 Graphics Shared up to 512MB

## Integrated Audio

Integrated 8 (7.1)-Channel High Definition Audio  
RealTek ALC883 Audio CODEC  
Front Panel Connectors: Headphone & Microphone In  
Back Panel Connectors: Line-in, Line-out and Microphone-in  
and Flexible 8-Channel Audio With Jack Sensing

## Integrated Super I/O

One VGA Port  
One Serial Port (via internal header)  
One PS/2 Keyboard Port and One PS/2 Mouse Port  
One SPP/ECP/EPP Parallel Port  
One HDMI Port  
Ten USB 2.0 Ports (2 ports at the front, 4 ports at back panel and 4 via internal header)  
Two IEEE 1394a Ports (1 port at the front and 1 port at the back)  
One RJ-45 Port  
One Audio Jack (5-in-1), Coaxial/Fiber SPDIF out  
One TV-Out Header  
One Floppy Controller Supporting up to One 2.88 MB Floppy Drive

## Integrated Gigabit

RealTek® 8111B Gigabit Ethernet Controller (10/100/1000 Mbps/sec) LAN Subsystem

## Expansion Slots

One PCI Express X16 slot  
One PCI Express X1 slot  
Two 32-bit PCI Bus Slots

## Bus Architecture

Two 32-bit PCI, Two PCI-Express x1 and One PCI-Express x16

## Housing Configuration

Thermally Advantaged Mini-Tower Chassis w/ CAG 1.1

## Dimensions (d) x (w) x (h) mm/inch / Weight

375 x 198 x 370 / 14.7 x 7.8 x 14.8 / 9.5 kg/21 lbs

## Drive Bays

5.25 inch External	2
3.5 inch External	1
3.5 inch Internal	2

## Power Supply Features

Input Voltage	100-240 VAC
Input Frequency	50/60 Hz
Input Currents	5 A
Device Power Connectors	4 for 5.25", 2 Serial ATA, and 1 for 3.5" Devices
Maximum Output	350 Watts
Form Factor	ATX12V v2.2
Power Factor Correction	Active PFC
Efficiency	> 80% at Normal Input Voltage
Internal Fan	12 cm

## Environmental

Operating Temperature	0° to 35° C / 32° to 95° F
Storage Temperature	-40° to 70° C / -42° to 158° F
Relative Humidity	92% RH @ 36° C / 97° F

## Regulatory & Product Certifications

EMI/RFI: FCC Declaration of Conformity (DoC)  
Safety: Underwriter Laboratories (UL) 60950, 3rd Edition  
EPA: Energy Star Compliant

## Fans

One 120 mm Rear Cooling Fan  
One 92 mm Front Cooling Fan (Optional)

SPEC-CK3M334-01-110107

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