

ARTEMIS



Key Features

- Slim Form Factor Convertible Chassis
- 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
- 250W Power Supply
- FCC DoC, UL Listed, EPA Energy Star Compliant
- DMI, ACPI, PC '01 Compliant

Artemis Slim Form Factor

The Artemis CT1-M334 Desktop meets your business needs with confidence. When powered by the latest AMD Athlon™ 64 X2 Dual Core processor featuring AMD HyperTransport™ technology and the power of dual core technology, stability and performance are perfectly blended in a more powerful desktop, effortlessly running programs faster and allowing for more efficient multi-tasking. The AMD 690G Series Chipset features Avivo™ technology, delivering vibrant images and smooth video playback. And thanks to the AMD Cool'n'Quiet™ technology, Artemis runs more quietly and can aid in reduced power usage and lower energy costs. In addition, Artemis' slim, condensed design guarantees a smaller desktop footprint, which helps in reducing desktop clutter. 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 ever reliable Artemis CT1-M334 delivers a highly capable platform which can boost the increased office productivity critical to keeping your business ahead of the competition.



Model CT1-M334

Artemis Slim Form Factor

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

Slim Form Factor Convertible Chassis

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

395 x 325 x 95/ 16.5 x 12.8 x 3.7

Drive Bays

5.25 inch External	1
3.5 inch External	1
3.5 inch Internal	1
2.5 inch Internal	1

Power Supply Features

Input Voltage	100-127 VAC/200-240 VAC
Input Frequency	50/60 Hz
Input Currents	7 A / 3.5 A
Device Power Connectors	3 for 5.25" and 1 for 3.5" Devices
Maximum Output	250 Watts
Form Factor	TFX
Soft Power Switch	DC On/Off via TTL Signal

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

Options

60 mm Cooling Fan	1
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SPEC-CT1M334-02-110107

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