

ARTEMIS



Key Features

- Intel® Q35 Chipset
- Intel® Core™ 2 Quad Processor Q6XXX
- Intel® Core™ 2 Duo Processor E6XXX, E4XXX
- Intel® Pentium® Dual-Core E21XX
- Supports Windows Vista™
- 800 MHz, 1066 or 1333 MHz Front Side Bus
- Intel® GMA 3100 Graphics and PCI Express x16
- Gigabit LAN
- Dual Channel DDR2 SDRAM
- Up to 12 USB 2.0 Ports
- 300W Power Supply
- FCC DoC, UL Listed, EPA Energy Star Compliant
- DMI, ACPI, PC '01 Compliant

Artemis Slim Form Factor

The Artemis CT2-I341 leads the pack as an exceptional desktop with flagship features. When powered by the most advanced Intel® Core® 2 Quad processor, Artemis blows through processor-intensive tasks in demanding multitasking environments and makes the most of highly threaded applications. The Intel® Graphics Memory Accelerator 3100 automatically provides great performance for 3D graphics and other memory demanding applications, making the extra expense of a separate graphics card unnecessary. Moreover, Artemis delivers measurable advantages and capabilities ideal for any business: such as proactive security, energy-efficient performance and remote manageability. With up to 12 high-speed USB 2.0 ports, it is simple to connect to peripheral, communication and consumer electronic devices. In addition, it's slim, condensed design guarantees a smaller desktop footprint, which aids in reducing desktop clutter. Simply stated, the Artemis CT2-I341 brings together the astute engineering and outstanding performance needed to keep you ahead of the competition.



Model CT2-I341

Artemis Slim Form Factor

Processor

FC-LGA4 Package (775-land Package)
Intel® NetBurst™ Microarchitecture
800 MHz, 1066 MHz or 1333 MHz Front Side Bus (FSB)
Intel® Core™2 Quad Processor Q6XXX
2.40 GHz to 2.66 GHz (1066 MHz FSB)
Intel® Core 2™ Duo E6XXX (Dual Core)
1.86 GHz to 3.0 GHz (1066 MHz FSB and 1333 MHz FSB)
Intel® Core 2™ Duo E4XXX (Dual Core)
1.8 GHz to 2.2 GHz (800 MHz FSB)
Intel® Pentium® Dual-Core E21XX
1.6 GHz to 2.0 GHz (800 MHz FSB)
Intel® Celeron® 4XX
1.6 GHz to 2.0 GHz (800 MHz FSB)

Chipset

Intel® Q35 Chipset
Intel® 82Q35 Graphics Memory Controller Hub (GMCH) with Direct Media Interface (DMI) Interconnect
Intel® 82801D0 I/O Controller Hub (ICH9D0) with DMI Interconnect

BIOS

16 Mbit (2048 KB) Flash Memory Device via Intel® SPI Flash Memory
System Management BIOS (SMBIOS)
DMI 2.0, WfM 2.0, Plug & Play, Multi-Lingual support
Supports CD-ROM, Diskette, Hard Disk or Network Bootup
PC '01 Compliant

System Memory

Four 240-pin DDR2 800/667 SDRAM Memory
Unbuffered ECC and non-ECC DIMMs
Dual Channel Memory Architecture
256 MB, 512 MB, 1 GB and 2 GB
Maximum Memory capacity of 8 GB

System Management

Hardware, Voltage and Thermal Monitoring
CPU Fan Control Through Asus Q-Fan
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 Intel® 82801D0 I/O Controller Hub (ICH9D0)
Supports Two IDE or EIDE Drives
Supports Bus Master Ultra DMA/33/66/100 (100 MB/sec maximum)

Integrated SATA/RAID

6 Independent Channels
Supports 6 Serial ATA Devices
Supports 3 GB/sec maximum (SATA-IO Specification)
Intel® Matrix Storage Technology via Intel® 82801D0 I/O Controller Hub (ICH9D0)
Supports RAID 0, RAID 1, RAID 5, RAID 0 +1 or RAID 10

Integrated Security & Encryption

Intel® Trusted Platform Module (TPM) v1.2
Protects Encryption and Signature Keys and Supports Attestation
Meets the Windows Vista BitLocker™ Drive Encryption Hardware Requirement

Integrated Video

Intel® Graphics Media Accelerator (GMA) 3100
Dynamic Video Memory Technology (DVMT) up to 287 MB
Supports Intel® Advanced Digital Display (ADD2/ADD2+) Cards

Integrated Audio

Integrated 2+2-Channel High Definition Audio
RealTek ALC268GR Audio CODEC
Front Panel Connectors: Headphone & Microphone In
Back Panel Connectors: Line-in Line-out and Microphone-in

Integrated Super I/O

One VGA Port
One PS/2 Keyboard Port and One PS/2 Mouse Port
One ECP/EPP Parallel Port
One DVI-D Port
One COM Port (via internal header)
Twelve USB 2.0 Ports (2 ports at the front, 6 ports at back panel and 4 ports via internal header)
Two IEEE 1394a Ports (1 port at the front and 1 port at the back)
One RJ-45 Port

Integrated Gigabit

Intel® 82566DM Gigabit Ethernet Controller (10/100/1000 Mbps/sec) LAN Subsystem

Expansion Slots

Three Low Profile PCI Slots
One Low Profile PCI Express x16

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	2

Power Supply Features

Input Voltage	100-127 VAC/200-240 VAC
Input Frequency	50/60 Hz
Input Current	5 A
Device Power Connectors	2 for 5.25" and 1 for 3.5" Devices
SATA Device Connectors	4
Maximum Output	300 Watts
Form Factor	TFX Active PFC
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-CT2I341-02-052708

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