ARTEMIS

Artemis Slim Form Factor

Key Features

- Slim Form Factor Convertible Chassis
- Intel® Q965 Chipset
- Intel® Core™ 2 Duo Processor E6xxx (Dual-Core)
- Intel® Pentium® D Processor 9xx (Dual-Core)
- 533 MHz, 800 MHz, or 1066 MHz Front Side Bus
- Dual Channel DDR2 SDRAM
- Intel® PRO 1000 Gigabit Ethernet
- Intel® GMA 3000 Graphics and PCI Express x16
- Integrated 6-Channel (5.1) High Definition Audio
- Intel® Trusted Platform Module (TPM) v1.2
- Intel® Matrix Storage Technology
- Intel® Active Management Technology (Intel® AMT)
- 250W Power Supply
- FCC DoC, UL Listed, EPA Energy Star Compliant
- DMI, ACPI, PC '01 Compliant

The Artemis CT1-I315 is a proven workhorse, and is ideal for educational entities and cost-conscious businesses. Not only does Artemis provide outstanding performance, it's slim, compact form ensures a smaller footprint and reduces desktop clutter. Outstanding graphics are standard thanks to the Intel® GMA 3000 video accelerator, a next-generation video subsystem that supports a maximum of 256 MB of shared video ram using DVMT. The Artemis' integrated Intel® High Definition 6-channel audio architecture guarantees a pure surround sound experience. The CT1-I315 is designed with security in mind, utilizing the Intel® Trusted Platform Module, which is key in preventing malicious cyber attacks, such as data theft or unauthorized access. Artemis also provides active management features in an array of system control tools, and Intel® Matrix Storage Technology adds another layer of protection by preventing data loss and ensuring reliability. Simply put, the sleekly nimble Artemis CT1-I315 offers valuable capabilities and delivers consistent performance, security and connectivity at a comfortably economical price point.

Model CT1-I315 Artemis Slim Form Factor

Processor
FC-LGA4 Package (775-land Package)
Intel® NetBurst™ Microarchitecture
533 MHz, 800 MHz, or 1066 MHz Front Side Bus (FSB)
Intel® Core™ 2 Duo Processor E6xxx (Dual-Core)
1.86 GHz to 2.66 GHz (1066 MHz FSB)
Intel® Pentium® D Processors 9xx (Dual-Core)
2.8 GHz to 3.6 GHz (800 MHz FSB)
Intel® Pentium® 4 Processors 6xx
3.0 GHz to 3.8 GHz (800 MHz FSB)
Intel® Celeron® D Processors 3xx
2.53 GHz to 3.6 GHz (533 MHz FSB)

Chipset
Intel® Q965 Chipset
Intel® 82Q965 Graphics Memory Controller Hub (GMCH) with Direct Media Interface (DMI) Interconnect
Intel® 82801HO I/O Controller Hub (ICH8-DO) with DMI Interconnect
Intel® Serial Peripheral Interface (SPI) Flash Device
PCI 2.2 Compliant & Concurrent PCI for Real-Time I/O

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

Cache
Intel® Core™ 2 Duo Processor
2 x 32 KB Instruction and 2 x 32 KB Write-back Data L1 Cache
2 MB or 4 MB On-die Full Speed L2 Cache (Shared) (Advanced Smart Cache)
Intel® Pentium® D Processor 9xx (Dual-Core)
2 x (12k µop Level 1 Execution Trace Cache and 16 KB Level 1 Data Cache)
2 x (1 MB On-die, Full Speed Level 2 Cache)
Intel® Pentium® 4 Processor 6xx
12k µop Level 1 Execution Trace Cache and 16 KB Level 1 Data Cache
1 MB or 2 MB On-die, Full Speed Level 2 Cache (Advanced Transfer Cache)
Intel® Celeron® D Processor 3xx
12k µop Level 1 Execution Trace Cache and 16 KB Level 1 Data Cache
256 KB On-die, Full Speed Level 2 Cache (Advanced Transfer Cache)

System Memory
Four 240-pin Dual Channel DIMM Sockets supporting Non-ECC 800 MHz, 667 MHz, or 533 MHz DDR2 SDRAM Memory
256 MB, 512 MB, 1 GB, or 2 GB DIMMs
Maximum Memory Capacity of 8 GB (667 MHz or 533 MHz)
Maximum Memory Capacity of 4 GB (800 MHz)

System Management
Intel® Hardware Management Subsystem
Hardware Monitoring and Fan Control ASIC
Chassis Intrusion and Detection
Thermal and Voltage 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 and Alert Standard Format (ASF) v2.0
Intel® vPro™ Technology
Intel® Active Management Technology (Intel® AMT)

Integrated PCI IDE/Serial ATA/RAID
First Independent Channel via Intel® 82801HO I/O Hub (ICH8-DO)
Supports Two IDE or EIDE Drives Bus Master Ultra DMA/33/66/133 (133 MB/sec maximum)
Six Independent Serial ATA Channels
Supports Six Serial ATA Devices
Supports 3 GB/sec maximum (SATA-IO Specification)
Intel® Matrix Storage Technology via Intel® 82801HO I/O Controller Hub (ICH8-DO)
Supports RAID 0, RAID 1, RAID 5, RAID 0 +1 or RAID 10

Integrated Video
Intel® Graphics Media Accelerator (GMA) 3000
Dynamic Video Memory Technology (DVMT) up to 256 MB
Supports Intel® Advanced Digital Display (ADD2/MEC) Cards

Integrated LAN
Integrated Gigabit Ethernet Subsystem
Intel® 82566DM Gigabit Ethernet Controller
One RJ-45 Port with Integrated LEDs

Integrated Audio
Integrated 6-Channel (5.1) High Definition Audio Subsystem
Intel® 82801HO I/O Controller Hub (ICH8-DO)
SigmaTel® STAC9227 Audio CODEC w/ Universal Jacks™ Functionality
Front Panel Connectors: Line Out /Retasking Jack, and Microphone In /Retasking Jack
Back Panel Connectors: Line In/Retasking Jack, Line Out/Retasking Jack, and Microphone In/Retasking Jack

Integrated Security & Encryption
Intel® Trusted Platform Module (TPM) v1.2
Protects Encryption and Signature Keys and Supports Attestation

Integrated Super I/O
Floppy Controller for Mode 3 Support (up to 2.88 MB drive type)
One PS/2 Keyboard Port
One PS/2 Mouse Port
One ECP/EPP Parallel Port
Ten USB 2.0 Ports: One Rear Quad Stack, One Rear Dual Stack, One Front Dual Stack, and Two (Optional) via Internal Headers
Two IEEE 1394 Ports: One Rear Panel and One (Optional) via Internal Header

Expansion Slots
Two Low Profile PCI Slots
One Low Profile PCI Express x1 and One Low Profile PCI Express x16

Bus Architecture
32-bit PCI, PCI Express x1, and 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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