

# Gemini CT1-A363 Slim Form Factor Desktop

The Gemini CT1-A363 is a slim, space-saving platform that delivers consistent performance and connectivity. Not only is the Gemini CT1-A363 feature-packed, it provides crucial capabilities at an agreeable price.

## Power and Versatility

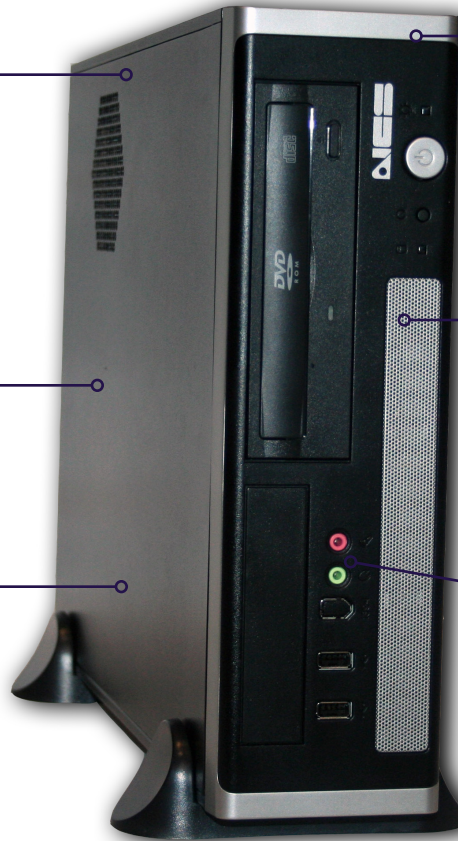
Gemini supports either the Intel® Core 2 Quad Processor or the Intel® Core 2 Duo Processor. Both processors provides powerful energy-efficient performance so you can do more at once without slowing down. Feel free to multitask with reckless abandon! Gemini provides you with the speed you need to perform any and all tasks imaginable.

## Tidy and Compact Form

Gemini's sleek and space-saving construction fits neatly in tight corners and helps to reduce desktop clutter.

## Optimizes Bandwidth, Helps Reduce Latency

The Gemini CT1-A363 also features the Intel® Fast Memory Access, which enhances system performance by optimizing the use of available memory bandwidth and reducing the latency of the memory accesses.



## Value Conscious Customers Need Look No Further

The Gemini CT1-A363 is ideal for schools, governmental entities and businesses in search of a low cost desktop solution.

## Excellent Video Quality Already Included

Powered by the Intel® G31 Express Chipset, the Gemini CT1-A363 provides users with a excellent blend of graphics performance and features without the extra expense of add-in video cards or decoders.

## All You Need to Keep Connected

With a score of the latest I/O ports (including 6 USB 2.0 Ports), the Gemini CT1-A363 makes it simple to connect to peripheral, communication and consumer electronic devices.

## CT1-A363 FEATURES AT A GLANCE

CPU	Supports either an Intel® Core™ 2 Quad Processor or an Intel® Core™ 2 Duo Processor
Chipset	Intel® G31 Express Chipset
Video	Integrated Intel® GMA 3100 Graphics Controller
Sound System	Integrated VT1708B Codec 8-Channel (7.1) High Definition Audio Subsystem
Storage	Four SATA 3.0 Gb/s ports One UltraDMA 133 / 100 / 66 for up to 2 PATA devices
Integrated LAN	PCIe Gigabit LAN Controller (10/100/1000 Mbits/sec)
Expansion Slots	Two 32-bit PCI Bus Slots, One PCI-Express x1 Slot and One PCI-Express x16 Slot
Options	Vertical Chassis Stand
Dimensions (d x w x h)	396 x 325 x 95 mm / 15.6 x 12.8 x 3.7 in

**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 Q6700  
2.66 GHz (1066 MHz FSB)  
Intel® Core™2 Quad Processor Q6600  
2.40 GHz (1066 MHz FSB)  
Intel® Core™2 Duo Processor E8XXX  
2.66 GHz to 3.33 GHz (1333 MHz FSB)  
Intel® Core™2 Duo Processor E7XXX  
2.53 GHz to 2.93 GHz (1066 MHz FSB)

**Chipset**

Intel® G31 Chipset  
Intel® 82G31 Graphics Memory Controller Hub (GMCH) with  
Direct Media Interface (DMI) Interconnect.  
Intel® 82801XX I/O Controller Hub (ICH7X) with DMI Interconnect.

**BIOS**

8 Mbit Flash ROM  
AMI BIOS - DMI 2.0, WfM 2.0, Plug & Play, SM BIOS 2.4, ACPI 2.0a  
Intel® AMT 5.0 Technology Support , Asus EZ Flash, ASUS CrashFree BIOS 3  
PC '01 Compliant

**System Memory**

Two 240-pin Dual Channel DIMM Sockets supporting Non-ECC 800 MHz  
DDR2 SDRAM Memory  
1 GB or 2 GB DIMMs  
Maximum Memory Capacity of 4 GB

**System Management**

Hardware, Voltage and Thermal Monitoring  
CPU Fan Control  
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**

One UltraDMA 133/100/66 For Up to 2 PATA Devices

**Integrated SATA/RAID**

4 Independent Channels  
Supports 4 Serial ATA Devices  
Supports 3 GB/sec maximum (SATA-IO Specification)  
Intel® Matrix Storage Technology via Intel® 82801JO I/O Controller Hub (ICH10D)  
Supports RAID 0, RAID 1, RAID 5 or RAID 10

**Integrated Video**

Intel® Graphics Media Accelerator 3100  
Dynamic Video Memory Technology (DVMT) up to 384 MB  
High Definition Video Processing with Max. Resolutions to 2048 x 1536 bpp(@ 85Hz)

**Integrated Audio**

Integrated 8 (7.1)-Channel High Definition Audio  
VT1708B 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 Gigabit**

PCIe Gigabit LAN Controller (10/100/1000 Mbits/sec)

**Integrated Super I/O**

One VGA Port  
One PS/2 Keyboard Port  
One PS/2 Mouse Port  
One Parallel Port  
One COM Port  
Six USB 2.0 Ports (two in the front and four in the back)  
One RJ-45 Port

**Expansion Slots**

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

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

396 x 325 x 95 / 15.6 x 12.8 x 3.7

**Drive Bays**

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

**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

**Fans**

80 mm Cooling Fan 1

SPEC-CT1-A363-01-060109

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