

# GEMINI



## Key Features

- Thermally Advantaged MidTower Chassis
- Intel® P35 Express Chipset
- Intel® Core™ 2 Quad Processor Q6000
- Intel® Core™ 2 Duo Processor Exxxx
- 800 MHz, 1066 MHz or 1333 MHz Front Side Bus
- Dual Channel DDR2 SDRAM 800 MHz or 667 MHz
- Intel® Gigabit Ethernet
- Integrated 8-Channel (7.1) High Definition Audio
- Up to 12 USB 2.0 Ports Available
- SATA RAID 0, 1 and 5 Supported
- Intel® Active Management Technology (Intel® AMT)
- Microsoft® Vista Premium Ready
- 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 Series Model CM4-I335 is a desktop that is designed to be over and above the rest, combining leading-edge media technologies and energy efficient capabilities into a powerful platform. When powered by Intel's® Core™ 2 Quad processor, Gemini easily blows through processor-intensive tasks in demanding multitasking environments and makes the most of highly threaded applications. In addition, Gemini's integrated Intel® High Definition 8-channel audio architecture guarantees a pure surround sound experience. With a maximum of twelve high-speed USB 2.0 ports, Gemini easily handles peripheral, communication and consumer electronic devices. Intel® Matrix Storage Technology adds protection by preventing data loss and ensuring reliability. Simply put, the CM4-I335 is a feature-packed chassis that quite effortlessly delivers the perfect balance of powerful performance and versatility. Whether one is creating or enjoying multimedia, or running compute-intensive applications simultaneously, Gemini accommodates a broad range of business needs, and can enhance on-the-job performance and productivity.



# Model CM4-I335

# Gemini Series Workstation

## 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 Q6600  
2.40 GHz (1066 MHz FSB with 8 MB L2 Cache)  
Intel® Core™ 2 Duo Processors E6xxx  
1.86 GHz to 2.66 GHz (1066 MHz FSB with 2 MB or 4 MB L2 Cache)  
Intel® Core™ 2 Duo Processor E4xxx  
1.8 GHz to 2.0 GHz (800 MHz FSB with 2 MB or 4 MB L2 Cache)  
Intel® Pentium® Dual Core Processors E21xx  
1.8 GHz to 2.0 GHz (800 MHz FSB with 1 MB L2 Cache)  
Intel® Celeron® Processors 4xx  
1.6 GHz to 2.0 GHz (800 MHz FSB with 512 KB L2 Cache)

## Chipset

Intel® P35 Chipset  
Intel® P35 Chipset Express Chipset Memory Controller Hub (MCH) with Direct Media Interface (DMI) Interconnect.  
Intel® 82801IR I/O Controller Hub (ICH9R) with DMI Interconnect.

## BIOS

8 Mbit (1024 KB) Flash Memory Device via Intel® SPI Flash Memory  
System Management BIOS (SMBIOS)  
ACPI, DMI 2.0, WfM 2.0, Plug & Play, Multi-Lingual support  
Supports CD-ROM, Hard Disk or Network Bootup

## System Memory

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

## 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® 82801IR I/O Hub (ICH9R)  
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® 82801IR I/O Controller Hub (ICH9)  
Supports RAID 0, RAID 1, RAID 5, RAID 0 + 1

## Integrated LAN

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

## Integrated Audio

Integrated 8-Channel (7.1) High Definition Audio Subsystem  
Intel® 82801IR I/O Controller Hub (ICH9R)  
IDT® STAC9271D Audio CODEC and Dolby® Home Theater Certification  
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 Super I/O

Twelve USB 2.0 Ports: Six Rear USB 2.0 Ports, Two Front USB 2.0 Ports and Four USB 2.0 Ports (Optional) via 2 Internal Headers  
Two IEEE 1394 Ports: One Rear Panel and One Front-Panel Header  
One PS/2 Keyboard Port (Optional)  
One PS/2 Mouse Port (Optional)

## Expansion Slots

Three PCI Conventional  
Three PCI Express x1 and One PCI Express x16

## Bus Architecture

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

## Housing Configuration

Thermally Advantaged MidTower Chassis w/ CAG 1.1

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

465 x 198 x 425 / 18.3 x 7.8 x 16.7

## Drive Bays

5.25 inch External	4
3.5 inch External	1
3.5 inch Internal	4

## 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 Rear 120 mm Cooling Fan  
One Front 92 mm Cooling Fan (optional)

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