

The Vantage CT2-A358

The Vantage CT2-A358 delivers an impressive combination of power and performance in a newly redesigned chassis that allows for greater expansion capability in a compact form factor. With a range of CPU options available, Vantage gives you the flexibility to build a computing solution relevant to your business requirements.

Excellent Video Quality Already Included

Powered by the Intel® Q45 Express Chipset, the Vantage CT2-A358 provides users with a excellent blend of graphics performance and features without the extra expense of add-in video cards or decoders.

Power and Versatility

Vantage 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! Vantage provides you with the speed you need to perform any and all tasks imaginable.

Tidy and Compact Form

Vantage CT2-A358's sleek and space-saving construction fits neatly in tight corners and helps to reduce desktop clutter.

Reliable and Secure

Vantage offers integrated TPM 1.2, which adds an additional layer of security by preventing data loss and ensuring reliability.

All You Need to Keep Connected

With a score of the latest I/O ports (including 6 USB 2.0 Ports), the Vantage CT2-A358 makes it simple to connect to peripheral, communication and consumer electronic devices.

Thoughtful Extras

An optional internal card reader is suitable for a wide range of applications, e.g. home banking, network security, secure logon, email encryption, as well as online loyalty points redemption and other PC related applications.



CT2-A358 FEATURES AT A GLANCE

CPU	Supports either an Intel® Core™ 2 Quad Processor or an Intel® Core™ 2 Duo Processor
Chipset	Intel® Q45 Express Chipset
Video	Integrated Intel® GMA 4500 Graphics Controller
Sound System	Integrated Realtek® ALC1200 Codec 8-Channel (7.1) High Definition Audio Subsystem
Integrated LAN	Intel® 882567LM PCIe Gigabit LAN Controller (10/100/1000 Mbits/sec)
Options	Vertical Chassis Stand
Dimensions (d x w x h)	326 x 324 x 90 mm / 12.8 x 12.75 x 3.5 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 Q9XXX
 2 GHz to 3 GHz (1333 MHz and 1066 MHz FSB)
 Intel® Core 2™ Quad Processor Q9XXXS
 2.33 GHz to 2.83 GHz (1333 MHz FSB)
 Intel® Core 2™ Quad Processor Q8XXX
 2.33 GHz to 2.5 GHz (1333 MHz FSB)
 Intel® Core 2™ Quad Processor Q6XXX
 2.4 GHz to 2.66 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® Q45 Chipset
 Intel® 82Q45 Graphics Memory Controller Hub (GMCH) with
 Direct Media Interface (DMI) Interconnect.
 Intel® 82801JO I/O Controller Hub (ICH10DO) with DMI Interconnect.

BIOS

32 Mbit Flash ROM
 AMI BIOS - DMI 2.0, WfM 2.0, Plug & Play, SM BIOS 2.3, ACPI 2.0a
 Intel® AMT 5.0 Technology Support

System Memory

Four 240-pin Dual Channel DIMM Sockets supporting Non-ECC 800 MHz
 DDR2 SDRAM Memory
 1 GB, 2 GB or 4 GB DIMMs
 Maximum Memory Capacity of 16 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

Integrated PCI IDE

Mavell® 6102 PATA Controller
 One UltraDMA 133/100/66 For Up to 2 PATA Devices

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® 82801JO I/O Controller Hub (ICH10DO)
 Supports RAID 0, RAID 1, RAID 5 or RAID 0 +1

Integrated Security & Encryption

Kensington® Lock Ready
 Trusted Platform Module (TPM) v1.2 (Optional)
 Protects Encryption and Signature Keys and Supports Attestation

Integrated Video

Intel® Graphics Media Accelerator 4500
 Dynamic Video Memory Technology (DVMT) with 512MB Dedicated Graphics Memory
 High Definition Video Processing with Max. Resolutions to 2048 x 1536 bpp(@ 75Hz)

Integrated Audio

Integrated 8 (7.1)-Channel High Definition Audio
 RealTek® ALC1200 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

Intel® 882567LM 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 DVI Port
 One ME Switch
 Two IEEE 1394a Ports (one in the front and one in the back)
 Six USB 2.0 Ports (two in the front and four in the back)
 One RJ-45 Port
 One S/PDIF Out Header

Expansion Slots

One Low-Profile PCI
 Two Low-Profile PCI-Express x1
 One Low Profile PCI Express x16

Drive Bays

One Internal 3.5" HDD
 One Slim ODD
 One Slim FDD
 One Optional Card Reader

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

326 x 324 x 90 mm / 12.8 x 12.75 x 3.5 inch

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
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SPEC-CT2-A358-02-092309

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