

Vantage FT1-F355 Slim Desktop

The Vantage FT1-F355 Slim Desktop is a feature-packed system delivering the performance and capabilities ideal for educational entities at an attractive price point.

Powerful Performance

Vantage utilizes the Intel® Core 2 Processor, which provides powerful energy-efficient performance so you can do more at once without slowing down.

Tidy and Compact Form

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

Innovative Chassis Design

Vantage utilizes the picoBTX form factor, which keeps the CPU and memory cooler and minimizes noise levels.

Versatile Functionality

Vantage also includes an integrated slim, slot-load DVD-RW Drive. The drive lets you quickly access information stored on your media and erase and rewrite discs in no time at all.

All You Need to Keep Connected

A score of the latest I/O ports makes it simple to connect to peripheral, communication and consumer electronic devices.

Reliable and Secure

Vantage's integrated TPM 1.2 adds an additional layers of security by preventing data loss and ensuring reliability.



FT1-F355 FEATURES AT A GLANCE

CPU	Supports either an Intel® Core™ 2 Quad Processor or an Intel® Core™ 2 Duo Processor
Chipset	Intel® Q35 Express Chipset
Optical Drive	Slim, Slot-Load DVD-RW Drive
Video	Integrated Intel® GMA 3100 Graphics Controller
Sound System	Integrated Realtek® ALC880 8-Channel (7.1) High Definition Audio Subsystem
Integrated LAN	Integrated Intel® PRO 1000 Gigabit Ethernet Controller
Expansion Slot	One PCI Express x16 (Low Profile)
Options	Vertical Chassis Stand
Dimensions (d x w x h)	340 x 289 x 86 (mm) / 13.375 x 11.375 x 3.375 (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 QXXX
2.0 GHz to 3.0 GHz (1066 MHz FSB or 1333 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® Q35 Express Chipset
Intel® 82Q35 Graphics Memory Controller Hub (GMCH) with Direct Media Interface (DMI) Interconnect
Intel® 8280110 I/O Controller Hub (ICH9DO) with DMI Interconnect

BIOS

4 Mbit Flash EEPROM
Award® PCI BIOS - APM 1.2, Plug & Play 1.0a, SMBIOS 2.3, DMI 2.1, WfM 2.0
Enhanced Advanced Configuration and Power Interface (ACPI) v1.0b
Preboot Execution Environment (PXE) Supported
PC '01 Compliant

System Memory

Two 240-pin Dual Channel DIMM Sockets Supporting Non-ECC 667 MHz and 800 MHz
DDR2 SDRAM Memory
512 MB, 1 GB and 2 GB DIMMs
Maximum Memory Capacity of 4 GB

System Management

Auto-throttling of CPU Fan in Suspend Mode to Save Power
Auto Slow-down of CPU When Overheating is Detected
Power Supply Voltage Monitoring and Alert
System Resources: Memory & Hard Disk Drive Utilization Monitoring & Alert Wake-On-LAN and Wake-On-Ring Supported

Integrated Serial ATA

4 Independent 3 GB/sec Channels
Supports 4 Serial ATA Devices

Optical Drive

Slim, Slot-Load DVD-RW Drive

Security & Encryption

Trusted Platform Module (TPM) v1.2
Protects Encryption and Signature Keys and Supports Attestation

Integrated Video

Integrated Intel® GMA 3100 Graphics Controller
Dynamic Video Memory Technology (DVMT) Supporting up to 256 MB

Integrated Audio

Intel® High Definition Audio with either:
Integrated 8-Channel (7.1) High Definition Audio via Realtek ALC880 Audio Codec
Front Panel Connectors: Line Out and Microphone-in
Back Panel Connectors: Line In, Headphone-Out and Microphone-in/Retasking Jack
Integrated 3-Channel (2.1) High Definition Audio via Realtek ALC880 Audio Codec
Front Panel Connectors: Line Out and Microphone-in
Back Panel Connectors: Line In, Headphone-Out and Microphone-in

Integrated LAN

Integrated Gigabit 10/100/1000 Ethernet Subsystem
Intel® PRO 1000 Gigabit Ethernet Controller
Intel® Active Management Technology 2 (AMT2)

Integrated Flash Memory Card Reader (Optional)

Integrated 7-in-1 Memory Card Reader
Secure Digital (SD), Compact Flash (CF), Micro Drive (MD), Smart Media (SM), Multi-Media Card (MMC), Memory Stick (MS), and Memory Stick Pro (MS-Pro) Supported

Integrated Super I/O

One Serial Port
One ECP/EPP Parallel Port
Eight USB 2.0 Ports: Three Dual Back and One Dual Front Panel Connectors
One PS/2 Keyboard/Mouse Port
One Wireless ANT Connector (Optional)
One Mic-In
One Headphone Out
One VGA Port
One RJ-45 Port
Two IEEE 1394 Ports (One in the Front and One in the Back)

Expansion Slots

One PCI Express x16 (Low Profile)

Bus Architecture

PCI Express x16

Housing Configuration

Thermally Advantaged pico-BTX Chassis

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

340 x 289 x 86 / 13.375 x 11.375 x 3.375

Drive Bays

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

Power Supply Features

Input Voltage 100-120 VAC/200-240 VAC
Input Frequency 50/60 Hz
Input Currents 6 A
Device Power Connectors 1 for 5.25", and 2 for 3.5" Devices
Green PC EEF Energy Efficient PC
Maximum Output 220 Watts
Form Factor pico-BTX
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)
EPA: Energy Star Compliant

Options

Vertical Chassis Stand

SPEC-FT1-F355-01-020309

