MPC-1735 TripleView Workstation
Airline Carry-on Size Portable Workstation with Three LCD Screens

CMS™

Features

» *Rugged multiple screen portable workstation.*

» *Designed for air travelers to pack in carry-on luggage.*

» *Instantly setup a PC workstation environment in the field for computer forensics, data acquisition, field service and sales professionals.*

» *Build-to-order system supports commercial-off-the-shelf motherboards, multi-core desktop or server processors, and PC components.*

» *PCI and PCI-Express slots for add-on cards.*

» *Three wide-screen 17.3" LCDs, 1920x1080 resolution per screen.*

» *Extends Microsoft Windows for three 1920x1080 screens, or work with extended screen of 5760x1080 resolution.*

» *Multiple drive bays for data storage devices.*

Designed for the air travelers in mind, the MPC-1735 is a rugged portable workstation featuring three LCD screens, up to two PCIe video cards, terabytes of storage capacity, all in an enclosure that fits in a carry-on case.

Don't take the chance of lost productivity or loosing your data to damage or delay when you travel by air. You can store the MPC-1735 workstation under the seat and in the overhead bin of an aircraft.

Perfect for data aquisition, computer forensics, sales and support professionals who need powerful computing in the field, the MPC-1735 has three wide-screen 17.3" LCDs, 1920x1080 resolution per screen. It's powered by a multi-core desktop or server-class processor, GPUs with 1000+ streaming cores/CUDA processors for floating-point calculation intensive applications.

* The MPC-1735 does not include keyboard.

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System Enclosure Specifications

System Enclosure

Chassis Construction	Aluminum alloy chassis.
	Internal space supports ATX, Micro-ATX, Mini-ATX form-factor motherboards.
	Rubber bumpers on corners.
	Rubber-clad carrying handle.
	Tilt-up feet under chassis.
	Built-in speaker.
Integrated Display	Three 17.3" LCD monitors with LED backlight. 1920x1080 resolution per screen.
	Independently adjustable monitor brightness, contrast.
	Backlight on/off switch for each screen.
Storage Bays	2x 5.25" drive bay on one side that can be used to install:
	- removable drive bays for three 3.5" disk drives, or
	- removable drive bays for eight 2.5" disk drives.
	1x 5.25" drive bay on one side that supports a device with maximum depth of 8.5".
	1x slim-type optical disk drive bay.
Add-on Card Support	Chassis supports up to six expansion cards.
	Supports expansion card length up to 9.0"
Cooling	Three 80mm fans.
Dimensions	17.4 (W) x 13.5" (H) x 8.25" (D) with LCD panels closed (height includes handle; depth includes extrusion of the LCD clamps).
	47.7" (W) x 13.5" (H) x 8.25" (D) with left and right LCD panels open.
Weight	Approximately 35 lbs. with motherboard, hard drive, and power supply installed.

Electrical and Power

Input AC	100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC).
Output	650 watt ATX power supply standard, upgradable to 850 watt power supplies.

Environmental

Temperature	Operating 0~50°C (32~122 °F); non-operating -20~60°C (-4~140 °F)
Humidity (non-condensing)	Operating: 5~95% @ 40°C.
Shock	Operating: half-sine wave @ 15 G, 11 ms duration on ±x, ±y, ±z directions, 3 times per face, @ 20°C, 65% RH.
	Non-operating: half-sine wave @ 50 G, 11 ms duration on ±x, ±y, ±z directions, 3 times per face, @ 20°C, 65% RH.
Vibration	Operating: 20-60 HZ, 0.075 mm sine wave sweep in XYZ directions for 0.5 hrs @ 20°C, 60% RH.
	Non-operating 10-50 Hz, 0.15 mm sine wave sweep in XYZ directions for 0.5 hrs. @ 20°C, 60% RH.

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System Configuration with Quad-Core CPU, One or Two Video Cards

Typical Build-to-order System with Intel Core i7 4770S Processor

Display	MPC-1735 portable chassis with three 17.3" LCD monitors.
	1920x1080 resolution per screen.
CPU	Intel Core i7 4770S quad-core processor.
Chipset	Intel Z97 chipset.
Main Memory	8GB DDR3 SDRAM in two 4GB 240-pin DIMMs.
	Up to 32GB with 4x 8GB DIMMs.
Graphics Card	Dual PCI-Express video cards; SLI or CrossFire support.
LAN	Realtek RTL8111E PCI-Express x1 Gigabit Ethernet Controller, Supports Wake-on-Lan.
Hard Drive Controller	4x SATA2 ports support RAID 0/ 1/ 5/ 10.
	3x SATA3 ports, two of which support RAID 0/ 1/ 5/ 10.
	1x SATA3/eSATA3 combo port.
Audio	Realtek ALC892 7.1-Channel HD audio CODEC, supports THX TruStudio PRO & premium Blu-ray audio.
External Panel I/O	12x USB 2.0 Ports (6 rear, 6 by headers).
	4x USB 3.0 Ports(2 rear, 2 by headers).
	1x eSATA3 Port.
	2x PS/2 Ports.
	2x IEEE 1394 Ports (1 rear, 1 by header).
	1x Coaxial.
Expansion Slots	3x PCI-Express 3.0 x16 slots (one slot available for add-on card; 4-lane electrically).
	3x PCI-Express x1 slots on board (two slots available for add-on card).
Operating System	Supports 32-bit and 64-bit Microsoft Windows 7 operating systems.