

# Battery-Powered Solution Portable Computer

17.3" Wide Display Portable Lunch Box with Battery up to 4 hours. 1920x1080, Intel Core i7-4770TE, 2.3 GHz (8M Cache, up to 3.3GHz), 45W, 16GB (2 x 8GB) 240-Pin DDR3 SDRAM ECC Unbuffered DDR3L 1600 (PC3L 12800)

(Model: BYW1730-i7)



## Introduction:

The BYW1730-i7 is a unique portable computer that was designed for users who needed a truly mobile workstation without sacrificing the power and capabilities of the standard desktop workstation. It is battery-powered. Equipped with an ocean-server 160W power supply with 4x Li-ion 95Whr battery packs, you can use the BYW1730-i7 on the field solely on batteries for up to 4 hours or use the supplied power supply to allow for continuous usage while charging.

It features a high-performance low-wattage Intel® i7 Core™ processor, 4 full-length expansion slots, and up to 8TB of storage. Simply put, it is an exceptional platform for any field applications where an AC power source may not be readily available.

- Ocean-Server 160W Power Supply with 4x Li-ion 95Whr Battery packs
- Includes Low wattage Intel® i7 Core™ processor
- Supports 4 expansion slots to tailor to your specific application

For added mobility and portability, the BYW1730-i7 is a new and unique battery-powered solution. While most of our products are portable because of their compact form factor and light weight, the BYW1730-i7 takes it one step further; it is battery-powered.

Supporting an ocean-server 160W power supply with 4x Li-ion 95Whr battery packs, you can use the BYW1730-i7 on the field for extended periods. It comes with a full HD display and can hold up to 8TB of HDD storage or 4TB of SSD storage. It is manufactured from high-strength, low weight aluminum creating a robust, powerful, reliable and ergonomic portable system. Featuring powerful computing elements, this portable can be configured to fulfill many demanding applications, especially for ones that are on the field.

## Specification:

<b>Chassis</b>	Material: Metal/Aluminum Color: Black Screen: 17.3" , 1920x1080, 16:9 aspect ratio Keyboard: QWERTY Keyboard Other features: Padded Carrying case with wheels Case Size: 14.05"H x 16.46"W x 6.96"D System Weight: 25 lbs Battery: four 95 Watt-hours, 6.6Amp Hour Batteries
<b>System Board</b>	DFI DL310-C226, Intel C226 Chipset
<b>CPU</b>	Intel Core i7-4770TE, 2.3 GHz (8M Cache, up to 3.3GHz), 45W
<b>CPU Cooler</b>	High Performance Intel 1150 CPU Cooler
<b>Memory</b>	16GB (2 x 8GB) 240-Pin DDR3 SDRAM ECC Unbuffered DDR3L 1600 (PC3L 12800)
<b>Samsung</b>	SAMSUNG 850 PRO 2.5" 256GB SATA III 3-D Vertical Internal Solid State Drive (SSD) MZ-7KE256BW
<b>Optical Drive</b>	Slot Loading Optical DVD+/-RW drive with 22X CDR, 8x DVD-ROM
<b>Operating System</b>	Windows 7 64 Bit Professional
<b>Video Controller</b>	PNY Quadro K420 VCQK420-2GB-PB 2GB 128-bit DDR3 PCI Express 2.0 x16 Low Profile Workstation Video Card
<b>Expansion Slots Open</b>	PCI Express 3.0 x16: 1 @ x8 speed PCI Express 2.0 x4: 1 PCI Express x1: 1
<b>Rear I/O Plate</b>	LAN Chipset: Intel I210 & Intel I217LM Max LAN Speed: 10/100/1000 Mbps Video Ports: 1x DVI, 1x HDMI PS2 Port: 1 COM Ports: 2x DB-9 RS232/422/485 serial ports (RS232 and/or power) USB 3.0 Ports: 4 USB 1.1/2.0 Ports: 2 Audio: Realtek ALC886 Chipset, Line-in/surround, Line-out, and Mic-in/Center+Subwoofer jacks

Gallery:



Mechanical Drawing:

