BPCW31700 Series

Rugged 3-LCD Screen Portable Computer System with COTS solution

OVERVIEW:

The BPCW31700 Series is a triple LCD screen rugged portable computer which can be folded into a neatly package for transportation. The system has three 17" widescreen LED LCD, each with 1920x1080 resolution panel are available for a total 5760x1080 resolution. The ART3 is a combination of triple display highly mobile multi-slot computing system with rugged aluminum chassis construction and corner bumper protection. It is equipped with the latest Intel Core i7 980X processor or Dual Six-Core Xeon 5600 processors with high speed DDR3 memory. The unit offers an array of PCI-e, PCI-X and PCI expansion slot for the latest high speed acquisition boards. Storage can be scaled up to 6TB of space with RAID, SAS option and removable capability. Everything is integrated and folded into a light weight portable package with the latest brightness contrast LED backlit LCD, processors and foldable keyboard w/ touchpad.
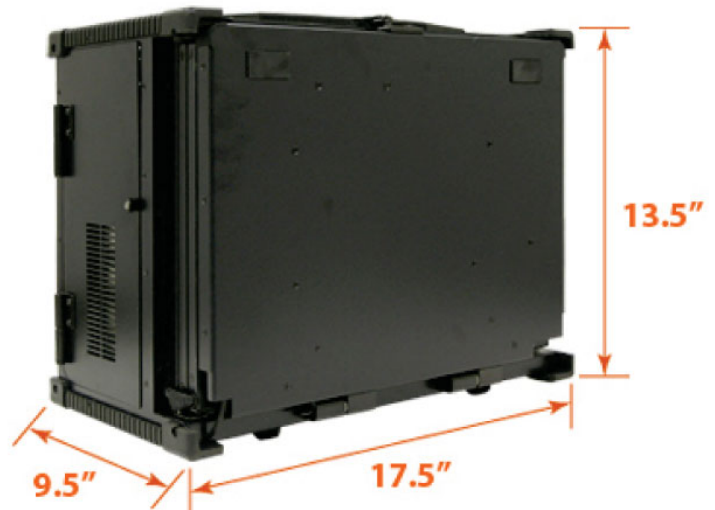
The BPCW31700 Series provides a totally integrated portable solution ready to be deployed in various industrial environments such as Computer-Aided Design (CAD), Geographic Information Systems (GIS) and varies professional digital media and broadcasting applications.

FEATURES:

- **Triple 17" High Resolution LED displays**
- **Full HD Panoramic Display**
- **Total 5760x1080 Resolution (Three 1920x1080)**
- **Support latest technology Intel and AMD CPU processors**
- **Standard ATX form factor platform layout**
- **Optional Resistive Touchscreen (USB Interface)**
- **1 x 5.25" External , 2 x 3.5" Internal**
- **1 x Slim Optical Drive Bay , 1 x Removable 2。5" HDD kit**
- **ATX 650W Active PFC 80 plus power supply**
- **Light weight Aluminum Alloy Housing Design**
- **Integrated Keyboard and Touchpad**
- **Designed and constructed with corner bumpers protection**
- **Dual internal shock absorbing mounting 3.5" drive bays**
- **Built-in amplified speakers**

Model: BPCW31700BB

Chassis Features – BPCW31700 SKD kit	
Specification	
Model #	BPCW31700BB / BPCW31700HDBB
Chassis Material	Light Weight Aluminum Chassis
Standard Color	Black
Display	3 x 17"
Resolution	1600x900 UXGA (4800x900 Max) / 1920x1080 Full HD (5760 x1080 Max)
Brightness	300 nits
Keyboard/ Mouse	Low Profile Membrane Keyboard with Touch Pad
System Board	12" x 10" ATX Form Factor Motherboard
Processor	Intel or AMD
Drive Bays	1 x 5.25" External , 2 x 3.5" Internal 1 x Slim Optical Drive Bay , 1 x Removable 2.5" HDD kit
Expansion Slots	7 Slots (4 x Full & 3 Short)
Cooling Fan	1 x 12cm Cooling Fan 1 x 8cm Cooling Fan
Power Supply	PS/2 ATX PFC 110/220 VAC Power Supply
Operating Temp.	32°F ~ 140°F
Operating Humidity	~ 95% Relative Humidity, non-condensing
Dimensions	17.5"W x 13.5"H x 9.5"D 5%
Weight	Approximate 33 lbs. Weight may vary depending on final configuration