



PWS80

All-In-One

The PWS is a portable, self-contained, large screen display. This plug and play unit includes an embedded computer for easy access and serviceability. The infrared touch sensor has a standard 4 touch points, with optional 6, 12 or 32 touch points.

A laptop computer can be connected through the DVI, HDMI or VGA when configured as a monitor. An optional speaker bar is available as well as other peripherals such as Wi-Fi webcams, credit card readers, thermal printers, biometric scanners, wireless keyboards, mice, and more.

2.5" SATA SSD and HDD Options | Core™ i5 and Core™ i7 | 120~240VAC Power Supply | Mobile Workstation | Optional Soundbar | Pro AV Monitor

Key Features

- Display Size Options: 55", 70", 75" (Coming Soon), 80", and 90"
- Infrared Touch Sensor, Standard 6 Points of Touch
- Rapid Response Video Controller
- Wide Range of Finish Options and Customizable Peripherals
- Optional Soundbar (Multi Speaker Soundbar with Integrated Subwoofer)
- 120~240VAC Power Supply Input
- 2.5" SATA SSD and HDD Options
- Optional Integrated Left and Right Speakers
- Optional Wireless Connectivity

Display Specifications

Display Size	Resolution	View Angle	Contrast	Brightness
55"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	4000:1	450 nits
70"	FHD 1920 x 1080	H: -88°/+88°, V: -88°/+88°	5000:1	500 nits
75"	Coming Soon			
80" (Glass Option Only)	FHD 1920 x 1080	H: -88°/+88°, V: -88°/+88°	5000:1	500 nits
90" (Glass Option Only)	FHD 1920 x 1080	H: -88°/+88°, V: -88°/+88°	5000:1	350 nits
Touch Interface	Infrared Touch Sensor			
LED Life	50,000 Hour Brightness Half-Life			
Mounting Bezel	NEMA 4 Powder Coat Finish			



PC Specifications

	MINI-ITX Q87	Pro AV (Monitor Only)
System I/O	16GB DDR3 1x Ethernet Port 2x USB 2.0 Ports 2x USB 3.0 Ports 1x DVI-I Port 1x HDMI Port 2x Audio Jacks (Mic-In/Line-Out)	1x HDMI Port 1x DVI-I Port 1x VGA Port 1x RS232 Port Remote Control Included
CPU	Intel® Core™ i5 4570TE or i7 4770TE	
CPU Speed	i5 – 2.7GHz Base, 3.3GHz Turbo (2 Cores, 4 Threads) i7 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 8 Threads)	
Storage Drives	2.5" SATA SSD and HDD Options	
Operating System	Windows® 10 (32-bit or 64-bit), Windows® 8 Professional (32-bit or 64-bit), Windows® 7 Professional (32-bit or 64-bit), Windows® Embedded Standard 7 (32-bit or 64-bit), Windows® 10 Pro (64-bit), Windows® 10 Embedded (64-bit) (Win 10 IOT ELTSB)	
Memory	Up to 16GB DDR3 (4GB on 32-bit OS)	
Power Supply	120~240VAC Full Range Power Supply Input	
Temperature	Operating: 0° to 50°C (32° to 122°F) Non-Operating: -25° to 60°C (-13° to 140°F)	
Relative Humidity	Non-Condensing: 20% to 80%	
Warranty	24-Month Limited Warranty. Extended Warranty Available, Contact DYNICS for Details.	

Dimensions, Weights and Power Consumptions

Display Size	Height	Width	Depth	Weight	Power Consumption
55"	71.93" (1827.0mm)	53.68" (1363.4mm)	30.00" (762.0mm)	210 lbs.*	240 Watts**
70"	74.14" (1883.1mm)	67.83" (1722.8mm)	30.00" (762.0mm)	275 lbs.*	355 Watts**
75"	Coming Soon				
80"	72.19" (1833.6mm)	77.56" (1970.0mm)	30.00" (762.0mm)	375 lbs.*	445 Watts**
90"	TBD	TBD	TBD	TBD	515 Watts**

*Power Consumption Based On Maximum Ratings. Actual Ratings Vary Significantly Based On Components Used.

**Weights Are Approximate. Contact DYNICS For Details.



All measurements are in inches and pound unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on additional options. DYNICS reserves the right to change, modify, upgrade, or discontinue at its discretion any part of this datasheet without prior notice.

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