

42

## 4250 Series Professional Touch Display Display Werks Model #4250-TU-PNE421-4D



42" SHARP PN-e421 Professional Series LCD  
Professionally Integrated 3M™ DST (Dispersive Signal Technology)  
Authorized Integrator of the 3M™ DST Touch System.

Thin Bezel • High Brightness • 24/7 Operation

1920 x 1080 Resolution

Built-in Speakers

USA Service and Technical Support

Touch Screen Integrated within Factory Enclosure

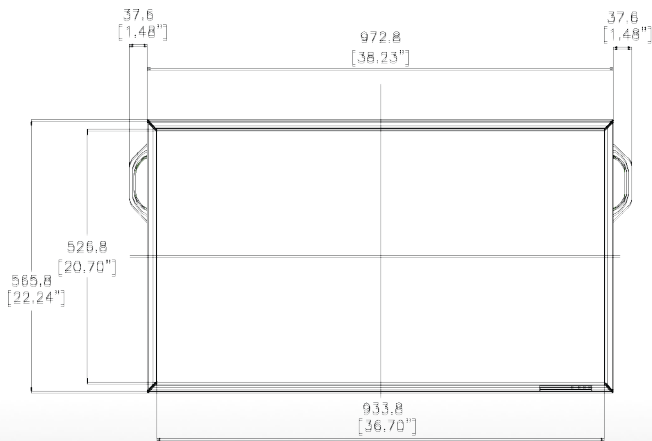
3 Year Warranty on Touch System

3 Year Warranty on LCD

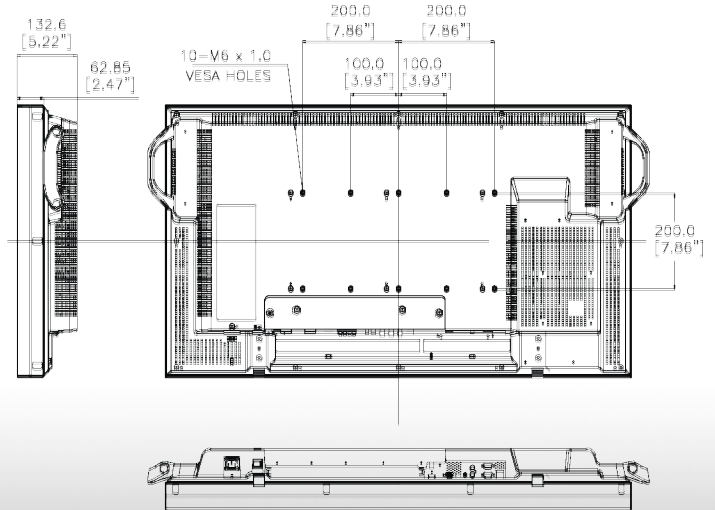


## 4250 Series Professional Touch Display

Display Werks Model #4250-TU-PNE421-4D



**4250-TU-PNE421-4D Dimensional Drawing**



### Display Specifications

<b>Resolution</b>	1920 x 1080
<b>Viewing Angle</b>	178° H/V
<b>Response Time</b>	8 ms
<b>Pixel Pitch</b>	0.4845mm x 0.4845mm
<b>Brightness</b>	700 cd/m <sup>2</sup>
<b>Contrast</b>	3000:1 Native
<b>Bezel</b>	19.5mm
<b>Speakers</b>	2 x 10W
<b>Cooling</b>	Built-in Fan
<b>Operating Time</b>	24/7
<b>Power</b>	230W/250W (typical) 2W Standby
<b>Active Area</b>	36-5/8" W x 20-5/8" H
<b>VESA Mount</b>	200mm x 200mm
<b>Dimensions</b>	38 5/16" x 4 15/16" x 27 5/16"
	54.5 lbs
<b>Shipping</b>	43 5/16" x 10 13/32" x 27 23/32"
	67.7 lbs
<b>Warranty</b>	3 Year Manufacturer

### Display Connectivity

<b>PC Inputs</b>	VGA (D-Sub 15-pin)
<b>Video Inputs</b>	HDMI (1)
<b>Audio Inputs</b>	RCA (L/R)
	Stereo Mini Jack (in/out)
<b>Control</b>	RS232 (D-Sub)
	RS232C (in/out)

### Optional Inputs

**(Requires Optional PN-ZB01 Upgrade Card)**

<b>PC Inputs</b>	DVI-D 24-pin HDCP Compatible
<b>Component Video</b>	BNC (Y, Cb/Pb, Cr/Pr)
<b>S-Video</b>	5-Pin DIN
<b>Composite Video</b>	BNC
<b>Control</b>	RJ45
<b>Audio</b>	L/R RCA Pin

### 3M DST™ Touch System

<b>Construction</b>	Chemically-strengthened thin glass substrate
<b>Compliance / Regulatory</b>	UL®/cUL, FCC-A, CE, VCCI, AS/NZS 3548
<b>Surface</b>	Anti-reflective; anti-scratch
<b>Hardness Rating</b>	Requires Mohs pick with 7 rating to induce scratch; scratches do not affect performance
<b>Input Method</b>	Finger, Stylus
<b>Minimum Touch Impact</b>	50 mN-s (milli-newton seconds); equivalent of a very light touch
<b>Response Time</b>	20ms for tap input
<b>Positional Accuracy</b>	> 99%
<b>Light Transmission</b>	92% +/- 2%
<b>Surface Obstructions</b>	Operates with presence of contaminants
<b>Controller</b>	USB or RS232 (specify)
<b>Power</b>	5VDC Adapter (included)
<b>Cleaning</b>	Non-abrasive cleaners
<b>Drivers</b>	MAC OS/Windows/Linux
<b>Warranty</b>	3 Years

Specifications are subject to change without notice; dimensions and weights after touch integration.