

# display werks

quality and innovation in LCD integration

## 5550 Series LCD Touch Screen

Display Werks Order # 5550-TU-550DX-4D

# 55"

- Thin Bezel
- High Brightness
- 24/7 Operation
- Cisco® DMP Ready
- 1920 x 1080 Resolution
- Optional Built-in CPU
- 3M™ DST Single Touch



Samsung 550DX Integrated Touch LCD

Based on Samsung 550DX Professional Series LCD

55" LCD Touch Screen

Professionally Integrated 3M™ DST (Dispersive Signal Technology)

Authorized Integrator of the 3M™ DST Touch System.

1920 x 1080 High Resolution

Thin Bezel 20mm

High Brightness 700 cd/m<sup>2</sup>

24/7 Operation

Optional CPU Slide-in Module

Built-in Speakers

USA Service and Technical Support

Touch Screen Integrated within Factory Enclosure

3 Year Warranty on Touch Screen and Controller

3 Year Warranty on LCD

49.8" x 29.2" x 5.65"



### Optional CPU's

- 2.7GHz Dual Core
- 40GB HDD
- 4 GB DDR3 Memory
- XPe® 2009 OS  
Order Number 4870
- Same as above but  
with Windows® 7 Pro OS  
Order Number \*4870-W7P

SAMSUNG

*Slide-in CPU module  
creates an all-in-one  
professional kiosk  
system.*

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[www.displaywerks.com](http://www.displaywerks.com)

(877) 705-1319

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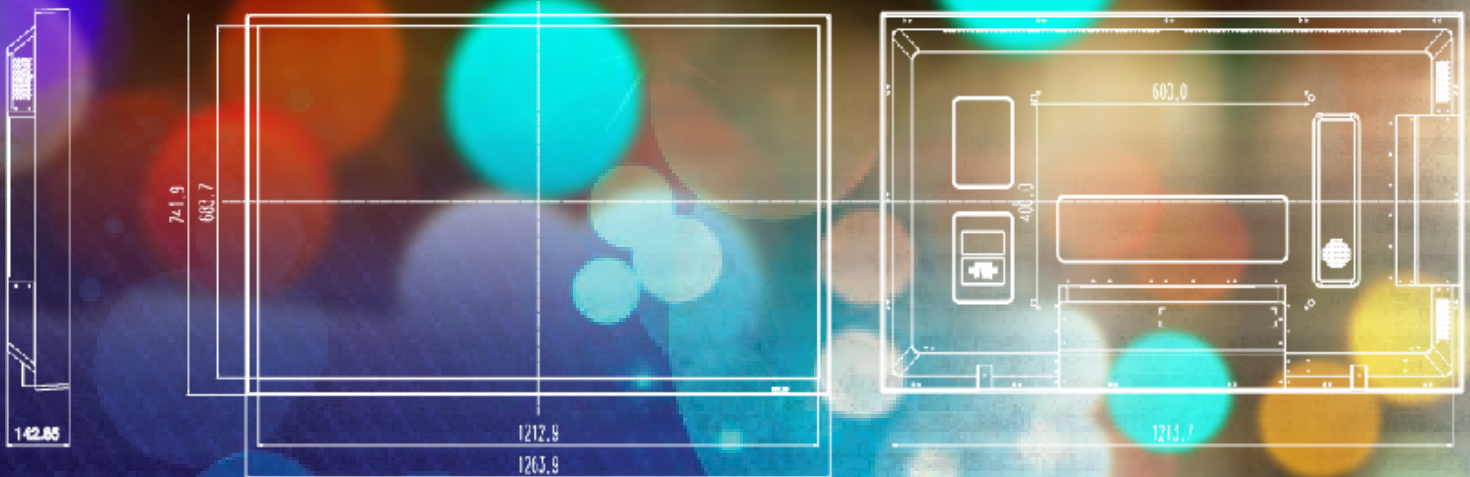
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5550-TU-550DX-4D Dimensional Drawing

### 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>	0.21mm x 0.63mm
<b>Brightness</b>	700 cd/m <sup>2</sup>
<b>Contrast</b>	4000:1 Native 20000:1 Dynamic
<b>Bezel</b>	20mm
<b>Speakers</b>	2 x 10W
<b>Cooling</b>	Built-in Fan
<b>Operating Time</b>	24/7
<b>Power</b>	390W/353W (typical) 2W Standby
<b>Active Area</b>	47.75" x 26.197"
<b>VESA Mount</b>	600mm x 400mm
<b>Stand</b>	Optional Stand #5828
<b>Dimensions</b>	49.8" x 29.2" x 5.65" 91.2 lbs
<b>Shipping</b>	66.5" x 41.7" x 17.7" 106.6 lbs
<b>Warranty</b>	3 Year Manufacturer

### Display Connectivity

<b>PC Inputs</b>	VGA (D-Sub 15-pin) DVI-D (in/out) DisplayPort
<b>Video Inputs</b>	Composite HDMI (2) Component (D-sub 15-pin)
<b>Audio Inputs</b>	RCA (L/R) Stereo Mini Jack (in/out)
<b>Control</b>	RJ45 LAN
<b>Power Out</b>	5V (for optional set back box tuner)

### Optional Internal CPU

<b>CPU</b>	AMD Athlon2 2.7GHz Dual Core
<b>Storage</b>	40GB HDD
<b>Memory</b>	DDR3 4GB
<b>Outputs</b>	VGA HDMI Stereo Mini Jack
<b>Control</b>	RJ45 LAN 10/100/1000 RS232C
<b>Inputs</b>	USB x 4
<b>Operating Systems</b>	Microsoft XP® 2009 Standard Embedded Microsoft Windows® 7 Professional
<b>Order Number</b>	4870 *4870-W7P

### 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

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

\*Direct replacement for Samsung slide in PC module (SIM-NT) (1 year warranty / Samsung Magic Info Pro removed)

550DX-4D REV 8