



## 22" Single-Touch LED Touch Screen

### Touch Screen Performance (Dynamic-Touch)

- Durable surface capacitive touch screen (350+ Million touch activations)
- Extremely accurate
- 93% Optics for best quality viewing
- Optical glass construction with 9-Hardness and chemical resistant
- Touch operation is unaffected by surface contaminants
- Antibacterial Technology with Antimicrobial agents that fight and stop the bacteria's cell membrane
- EMI/EMC built-in Environment Scanning Technology
- Excellent noise immunity
- Multiple monitor supported

### Applications

- Mission Critical Applications
- Medical
- Industrial
- 24/7 Applications

### Features and Benefits

- Commercial LCD Panel 16:9
- Industrial Cooling
- Heavy duty board level components
- 3 Year Warranty
- (MTBF) 156,000 Hours
- Energy Star 5.0 Compliance
- Ambix technology allows DVI-I, VGA and DVI-D video input
- VESA wall and arm mounting compliant
- NaViSet software for easy adjustment via mouse and keyboard
- XtraView technology provides widest viewing angles
- Tech Global products are UL Certified



# SPECIFICATIONS

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## Display

Commercial Grade Display/ LED-backlight LCD (W-LED)

Viewable Image Size	21.5"/ 16:9
Mean Time Between Failure (MTBF)	156,000 Hours

## Touch Interface

Surface Capacitive: *Dynamic-Touch*: Serial/USB

Pixel Pitch	0.25mm
Pixels Per Inch	102 @ native resolution
Brightness	250 cd/m2
Contrast Ratio	1000:1
Viewing Angle	160° Vert., 160° Hor. (80U/80D/80L/80R) @ CR>10
Response Time	Rapid Response (5ms)

## Synchronization Range

Horizontal	31.5 kHz to 81.1 kHz (Analog/Digital)
Vertical	56 to 76 Hz

## Input Signal

Video	ANALOG 0.7 Vp-p/75 Ohms
Sync	TTL Level (Positive/Negative)
Input Connectors	DVI-D and VGA 15 pin D-sub
Native Resolution	1920 x 1080 HD @ 60 Hz
Internal Speakers	Built-in multimedia speakers provide quality sound

## Power Consumption

On	18W/ Power Savings Mode .35W
Dimensions (WxHxD)	
Net (with stand)	20.0 x 14.4 x 8.1 in. / 507.4 x 364.7 x 205.1mm
Net (without stand)	20.0 x 11.9 x 2.4 in. / 507.4 x 301.1 x 60.0mm
Net Weight (with stand)	9 lbs. / 4.1 kg
Net Weight (without stand)	8.2 lbs. / 3.7 kg
VESA Hole Configuration Specification	100 x 100mm

## Environmental Conditions

Operating Temperature	5-35C/41-95F
Operating Humidity	20-80%
Operating Altitude	2000m / 6562 ft.
Storage Temperature	-10-60C/14-140F
Storage Humidity	10-85%
Storage Altitude	12,192m/40,000 ft.

## Warranty

3 years parts and labor including backlight and touch components

**Additional Features:** ECO Mode; Carbon footprint meter; Thin frame; Tilt; Integrated speakers; Rapid Response; Ambix; XtraView; OSD user controls; NaViSet software; Cable management; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I

