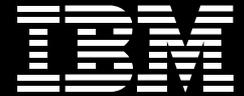


56.4cm(22.2 inch) wide 9.2 Million pixels  
Color TFT LCD Display



## MD22292A1 (OEM model)



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### Highlight

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#### Features

- QUXGA-Wide 3840x2400 pixels (9.2M pixels)
- 235cd/m2 typ. Brightness
- High Contrast as 400:1
- Native 16M colors (RGB 8-bit each)
- High color reproducibility
- Using the Post Spacer
- Wide Viewing Angle as 170 degrees (H/V typ.) by using IPS & Dual Domain Technology

#### Application

- Document creation and processing (2page displays)
- Image processing
- Geo-physical visualization
- Medical imagery
- Industrial and Automation system
- The power word processor , spread-sheet and database user
- Digital Archive Image
- High Resolution Display User

The "9.2 Million pixels Color TFT LCD Display" panel from IBM Technology is a TFT-LCD module with a full 22.2" diagonal viewing area. The panel has QUXGA-Wide (16:10) resolution (3840x2400 pixels) providing a 204ppi image. The image quality is superb through the combination of highest specification: color depth, brightness, resolution, and leadership technologies.

- "black" black find high contrast ratio using Post Spacer\*.
- improved wide-viewing angle without color shift using Dual-domain IPS technology.

\* Post Spacer was first used in the IBM ITSX94 (18"-SXGA) panel. It replaces the spacer balls traditional used in LCD modules with a permanent spacer. Benefits are a more rigid panel construction and a "black" black because of less light reflections within the panel.

## Specifications

Screen Diagonal(mm)	564(22.2inch)
Active Area(mm)	478.1(H) x 298.8(V)
Pixels	3840(H) x 2400(V)
Pixel Pitch(mm)	0.1245(H) x 0.1245(V)
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	Dual-domain IPS, Normally Black
Contrast Ratio	400:1 typ. (in a Dark room)
Optical Rise Time/Fall Time(msec)	50 typ.
Input Voltage(V), Frequency(Hz)	100 - 240 AC, 50/60Hz
White Luminance(cd/m2)	235 typ.
Power Consumption(W)	111 max 15(stand by)
Weight(Kg)	11(w/stand, w/o AC adaptor) 0.31(2pcs of AC adaptor)
Physical Size (mm)	547mm(W)x399mm(H)x76mm(D) w/o stand. 547mm(W)x437mm(H)x196mm(D) w/ stand
Video Interface	DVI x 4channels with 2 cables
Support Color	16M(RGB 8-bit each data)
Temperature Range(degreeC)	
Operation	0 to +35
Storage(Shipping)	-20 to +60
Color Point(x,y)	0.313,0.329
Viewing Angle(degrees)	170 typ.(H/V,10:1 CR)



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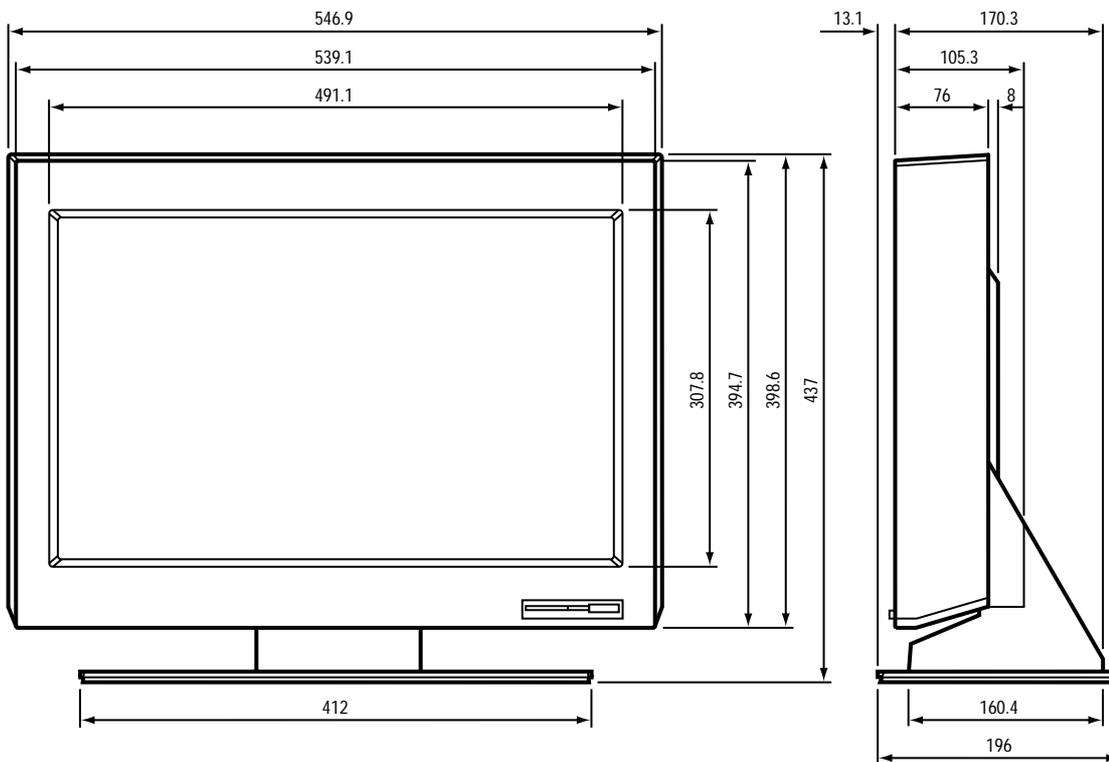
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