

550BDxM SingleTouch Computer Data Sheet

Size	139cm (55")
Models	550BDxM

Touch Screen

Touch Points	Single Touch
Input Method	Finger or any stylus
Touch Screen	3M DST
Touch response time	20 ms
Accuracy	> 99% of True Position
Light Transmission	greater than 91%
Touch resolution	16K x 16K with EXII controllers
Surface Finish	Anti-reflective, easy-glide
Surface scratch	Not affected by surface scratches
Surface Obstruction	Not affected by surface contaminants like dust, grease, moisture, liquids, paan stains
Chemicals	Resistant to corrosives, as per ASTM D1308-02 & ASTM F-1598-95

Display

Format	16:9
Display Area (mm)	1210x680
Pixel Pitch	0.63
Brightness (cd/m ²)	500
Resolution	1920 x1080
Viewing Angle	H >170, V >170

Processor

Operating System	Standard Win 7 HB Optional : Win 8 / Win 7 Prof
Processor	Standard Intel i3; Optional i5 / i7
RAM	4 GB
Hard Disk	60 GB SSD
I/O	Standard : 2 x USB, 1xLAN Optional :WiFi, Serial Port, 6 USB, MSR, BarcodeScanner

Others

Operating Temp	0 - 45° C
Relative Humidity	85% non-condensing
Connectors-Power	220VAC
Power (W) max	500
Touch PC made in	India

Model Types

xxxBDxM	Standard model (metal bezel)
xxxBDxMF	Flange model (for panel mount)
xxxBDxMT	High temperature rating
xxxBDxM-U	Ultra high resolution

PALAS Single-Touch Computers (BDxx series)

Palas Touch computers, based on 3M DST touch technology and electronics, offer fast & accurate touch. Use with finger, gloved hands, pencil or any stylus

Touch operation unaffected by moisture, dust, dirt, grease

Anti-reflective finish for use in high brightness areas, smooth easy glide surface coating, metal body for hot & harsh environments. All sizes from 32" to 55"

Made in India



Palas manufactures in India:

- Touchscreen monitors, Touch All-in-ones, 10" to 55"
- Industrial Touch Panel PCs, Rugged touch systems
- POS systems
- Smart Card Readers for ATMs, Kiosks, Vending
- Interactive Digital Signage Systems for Malls, Factories, Buildings

Palas is the Master Distributor in South Asia for:

- Touch Screens from 3M Touch Systems, USA
- Motorized & Dip Smart Card Readers from Sankyo, Japan

Palas is an IIT / IIM alumnus enterprise



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