

420BDxM SingleTouch Computer Data Sheet

PALAS
ISO 9001:2008 Certified

Size	107cm (42")
Models	420BDxM

Touch Screen

Touch Points	Single Touch
Input Method	Finger or any stylus
Touch Screen	3M DST
Touch response	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)	929 x 522
Pixel Pitch	0.484
Brightness (cd/m ²)	400
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,

Others

Operating Temp	0 - 45° C
Relative Humidity	85% non-condensing
Connectors-Power	220VAC
Power (W) max	350
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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