

170BCxM, 170BCxMF, 170BTxM SingleTouch Computer Data Sheet

PALAS
ISO 9001:2008 Certified

Size	43cm (17")
Models	170BCxM, 170BCxMF, 170BTxM
Touch Screen	
Touch Points	Single Touch
Input Method	Finger, or 3M Smart pen.
Touch Screen	3M MicroTouch™ Surface Capacitive
Touch response time	less than 5.4 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, ClearTek Hard coat
Surface scratch	Hardness MoHS 7 or higher to induce a functions failure
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
Optional Protection	Front face sealable to Nema 4X / IP65 Front protected from sprays of water

Display	
Format	4:3
Display Area (mm)	338 x 270
Pixel Pitch	0.264
Brightness (cd/m ²)	250
Resolution	1280 x 1024
Viewing Angle	H >140, V >140

Processor	
Operating System	Standard Win 7 HB Optional : Win 8 / Win 7 Prof
Processor	Standard Atom ; Optional Intel i3 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	100
Touch PC made in	India

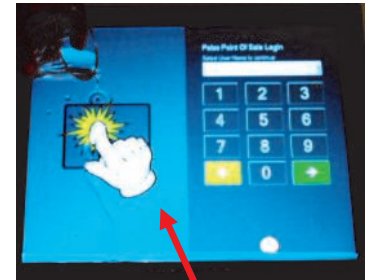
Model Types	
xxxBCxM	Standard model (metal bezel)
xxxBCxMF	Flange model (for panel mount)
xxxBCxMT	High temperature rating
xxxBCxM-U	Ultra high resolution
xxxBTxM	Toughened glass (UL 1950)

PALAS Single-Touch Computers (BCxx series)
Palas Touch computers, based on 3M Capacitive touch technology and electronics, offer fast, accurate touch with a response time of just 5 ms, the world's fastest.

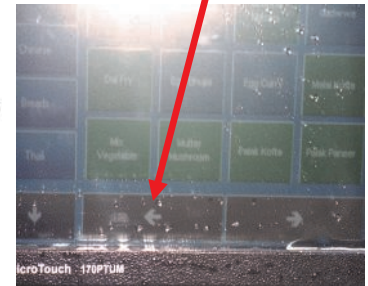
Touch operation unaffected by liquids, dust, dirt, grease

Anti-reflective finish for use in high brightness areas, smooth easy glide surface coating, metal body for hot & harsh environments. All sizes from 15" to 55"

Made in India



Optional - Water / liquid spills do not affect operation.



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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