

# 80cm / 31.5" SingleTouch Panel PC / All-In-One 320BCxM Data Sheet

# PALAS

ISO9001-2015; ISO14001-2015

Model	320BCxM
Display Size	80cm (31.5")
Front Bezel	Metal Bezel

## Touch Screen Monitor

Touch Screen	Capacitive Single Touch
Input Method	Bare Finger or Smart Pen
Touch Response Time	Less Than 5.4 ms
Accuracy	Within 1% of True Position
Surface Finish	Anti-Reflective
Surface Obstruction	Not Affected By Surface Contaminants Like Dust, Grease, Moisture, Liquids, Paan Stains. Resistant To Most Corrosives
Format	Wide 16:9
Display Area (mm)	697 x 392
Pixel Pitch	0.36
Brightness (cd/m <sup>2</sup> )	Standard 250. Optional Up To 2000
Resolution	Standard 1920x1080; optional 3840x2160
Viewing Angle	H170, V170

## Processor

Operating System	Standard MS Windows 10E LTSP 64-Bit Optional Windows 10 Pro / Linux
Processor	Standard Celeron; Optional i3/i5/i7/i9
RAM	Standard: 4 GB; Optional Up To 64 GB
Hard Disk	Standard: 120 GB SSD; Optional Up To 1 TB
Input / Output	2 x USB, 1 x LAN Optional: RS232, 6 x USB, WiFi, Bluetooth, 2 x LAN

## Others

Operating Temp	Standard 0 - 50° C; Optional 0 - 70°C
Relative Humidity	85% Non-Condensing
Environment	Can Be Sanitised By Wiping With Alcohol. Front Face Protected From Sprays Of Water. Optional Up To IP67.
Power / Connectors	220VAC
Power (W)	<150
Warranty	Standard 1 Year, Carry-In. Optional Up To 5 Years
Certification	BIS 13252 / IEC 60950; BIS - R81002836
Country of Origin (COO)	Made in India

## PALAS Single-Touch Computers (BCxx series)

Palas Touch computers, based on Capacitive touch technology, offer fast, accurate touch with a response time of just 5 ms, amongst the world's fastest.

Touch operation unaffected by liquids, dust, dirt, grease

Unique metal frame PCs for use in harsh environments. Rugged design. Easy mounting through VESA mounts. Anti-reflective.



320BCxM-F (with flange) for panel mounting

Palas manufactures in India:

- Touchscreen monitors, Touch All-in-ones
  - Industrial Touch Panel PCs, Rugged touch systems
  - Smart Card Readers for ATMs, Kiosks, Vending
  - Interactive Digital Signage Systems for Malls, Factories, Buildings
  - Self-service kiosks for restaurants
  - Smart City Information & Transaction kiosks
- With technical assistance for some products from 3M, USA & Sankyo, Japan

Palas also offers a range of low-cost software applications for touch, that can be quickly deployed by customers

Palas is an IIT / IIM alumnus enterprise



/PalasSoftware

**Made in India  
By an MSME**

/user/palassoftware1



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