

# 107cm / 42" Multi-Touch Panel PC / All-In-One 420BMxM Data Sheet

# PALAS

ISO9001-2015; ISO14001-2015

Model	420BMxM
Display Size	107cm (42")
Front Bezel	Metal Bezel; Optional Full Flat Front Surface

## Touch Screen Monitor

Touch Screen	Capacitive Multi-Touch
Input Method	Finger, Thin Gloves, Smart Pen
Touch Response Time	Less Than 12 ms
Accuracy	Within 1% of True Position
Surface Finish	Non-Active Cover Glass. No Wear Mechanism. 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)	930 x 523
Pixel Pitch	0.484
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 / Android
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	Standard: 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)	<200
Warranty	Standard 1 Year, Carry-In. Optional Up To 5 Years
Certification	As per BIS 13252 / IEC 60950;
Country of Origin (COO)	Made in India

## PALAS Multi-Touch PCs (BM series)

Palas Multi Touch PCs, based on Projected Capacitive touch technology, offer fast, accurate touch, and up to 40 finger simultaneous touch on some larger models

Unique metal frame PCs for use in harsh environments. Rugged design. Easy mounting through VESA mounts. Smooth, easy-glide surface coating. Anti-reflective.



420BMxM-F (with flange) for panel mounting

Full flat front in 420BMxM-xG & 420BMxM-FG models


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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