# **HANN**spree

### Experts in **Display**



#### **Display** Solutions

Technical Specifications >>>

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Display Size	54,6cm / 21.5" Diagonal	
Panel Type	TFT – LED Backlight VA Panel (*)	
Aspect Ratio	16:9	
Resolution (H x V)	1920 x 1080 Full HD	
Brightness	250cd/m <sup>2</sup>	
Contrast (Typ.)	3.000:1 (Typical)	
Contrast (Active)	80.000.000:1 (Active)	
Viewing Angle L/R; U/D	178° H – 178° V (CR >10)	
Response Time	5 msec	
Pixel Pitch	0,248 (H) x 0,248 (V) mm	
Panel Surface	Anti-Glare	
Display Colors	16.7M Colors	
Horizontal Frequency	30 ~ 83 kHz	
Vertical Frequency	56 ~ 75 Hz	
Max Display Frequency	1920 x 1080 @ 60Hz	
Input 1	D-Sub (VGA)	
Input 2	HDMI	
Input 3	Display Port	
Buil-in Speakers	Yes, 2W x 2; Earphone Jack	
Power Consumption	On: 16,64W; Stand-by: 0,38W; Off: 0,23W	
AC Power Range	AC 100 ~ 240 Volt; 50 ~ 60 Hz	
Product Dimensions	489.3 x 215.3 x 491.8 mm (W x D x H)	
Packing Dimensions	546 x 154 x 360 mm (W x D x H)	
Net / Gross Weight	3.6 Кg / 4.75 Кg	
Bezel & Color Plan	Bezel / Arm / Base / Rear Cover: Black texture	



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54,6 Cm	21.5 inch	
2010/1062 - 2020		

VESA Mounting	100 x 100 mm
Monitor Stand	Height Adjustable Stand (120mm range)
Tilt / Kensington Lock	-5° ~ 20° / Yes
Pivot / Swivel	Yes 90° Clockwise / Left: 45° - Right: 45°
Controls	Menu, <, >, AUTO, Power
Color	Warm, Natural, Cool, User Mode
Preset Mode	PC, Movie, Game, ECO Modes
On Screen Display	11 OSD Languages
Accessory	Power Cable (1,5m); HDMI Cable (1,5m); Warranty Card; Quick Start Guide
Other Features	Low Blue Light Mode Flicker Free

Supplier's Name	HANNspree
Model Name	HP228PJB
Energy Efficiency Class	А
Screen Size (Centimetres)	54,6
Screen Size (Inches)	21,50
On mode power Consumption (W)	17
Annual Energy Consumption* (kWh)	25
Standby-mode Power Consumption (W)	0,38
Off-mode Power Consumption (W)	0,23
Screen Resolution	1920 x 1080

## PART. NO.: HP 228 PJB

\* Energy consumption XYZ kWh per year, based on the power consumption will depend on how the monitor is used. • "VA" word mark / trademark and related patents on **Display** Solutions \* Energy consumption XYZ kWh per year, based on the power consumption of the monitor operating 4 hours per day for 365 days. The actual

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