HANNspree

Experts in **Display**



Display Solutions

Technical Specifications >>>

* For more details contact your local HSP office / representative or send us a request via the product enquiry form on the website.

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Display Size	54,6cm / 21.5" Diagonal	
Panel Type	TFT – LED Backlight, IPS Panel *	
Aspect Ratio	16:9	
Resolution (H x V)	1920 x 1080 Full HD	
Brightness	350 cd/m ² (Panel) – 300 cd/m ² (Monitor)	
Contrast (Typ.)	1.000:1 (Typical)	
Contrast (Active)	5.000.000:1 (Active)	
Viewing Angle L/R; U/D	178° H – 178° V (CR >10)	
Response Time	4 msec (with OD)	
Pixel Pitch	0,248 (H) x 0,248 (V) mm	
Touch Type	Projected Capacitive Type – 10 Point Touch Cover Glass + LOCA + ITO Glass	
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 1.4	
Input 3	Display Port 1.2	
Input 4	USB 3.0 x 1 (for touch)	
Buil-in Speakers	Yes, 2W x 2; Earphone Jack	
Power Consumption	On: 13W; Stand-by: 0,5W; Off: 0,3W	
AC Power Range	AC 100 ~ 240 Volt; 50 ~ 65 Hz	
Product Dimensions	510,9 x 49,1 x 313 mm (L x D x H)	
Packing Dimensions	603 x 109 x 435 mm (L x D x H)	
Net / Gross Weight	4,14 Kg / 5,34 Kg (± 0,3Kg)	

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VESA Mounting	100 x 100 mm	
Monitor Stand	Not included. A VESA compatible stand can be purchased separately for desktop usage.	
Tilt / Kensington Lock	- / Yes	
Display Protection	Thickness 3 mm	
Hardness / Transmittance	≥6H Toughened hard panel surface / ≥85%	
IP Rating Level	IP 65 ** (Front), Water and Dust Protection	
Controls	Menù, (+), (-), AUTO, Power	
Color	9300, 6500, 5500, User Mode	
Preset Mode	PC, Movie, Game, ECO Modes	
On Screen Display	11 OSD Languages	
Accessory	Power Cable (1,5m); HDMI Cable (1.5m); USB 2.0 (B-A) Cable (1.8m); Warranty Card; Quick Start Guide	

Supplier's Name	HANNspree
Model Name	HT221PPB
Energy efficiency class for standard Dynamic Range (SDR)	D
Annual Energy Power Consumption (kWh/1000h)	13 kWh/1000h
On mode power demand for Standard Dynamic Range (SDR)	13 W
Off mode power demand (W)	0,3 W
Standby mode power demand (W)	0,5 W
Screen Diagonal (cm / inches)	54,6cm / 21,5"
Resolution	1920 x 1080

* IP65: The IP Code classifies how resistant a device is to foreign objects and moisture.

PART NO.: HT 221 PPB

ENERG^{*}

13 kWh/1000h

10¹⁰

13kwh/1000h

13 cm

< D

D

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IP65 means that the monitor is protected from total dust ingress and it is protected against low pressure water jets from any direction. Limited ingress permitted.

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

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