

## HT 231 HPB

23" / 58,42 cm Diagonal  
LED Backlight – Format 16:9

- 23" Touch Monitor LED Backlight
- 10-Point Touch
- 1920 x1080 Full HD Display
- Aspect Ratio 16:9
- Hard Glass Protection (Hardness ≥7H)
- 80,000,000:1 Active Contrast
- HDMI + DVI + VGA Inputs
- Built-In Stereo Speakers
- Wall-Mountable (VESA)
- Ergonomic Smart adjustable stand.
- Tilt Angle:10°~60°



HDMI



23" / 58,42 cm

Part. No.: HT 231 HPB

### SIZE, RESOLUTION



23.0"  
16:9 Aspect Ratio

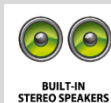


Full HD  
1920 x 1080

### CONNECTIVITY, SPEAKER



HDMI  
DVI  
VGA



Built-In  
Stereo Speaker

### VIEWING ANGLE, VESA



176° Ultra-Wide  
Viewing Angle

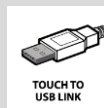


VESA  
Wall-Mountable

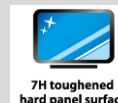
### TOUCH DISPLAY FEATURES



10 Point  
Touch



USB  
Link



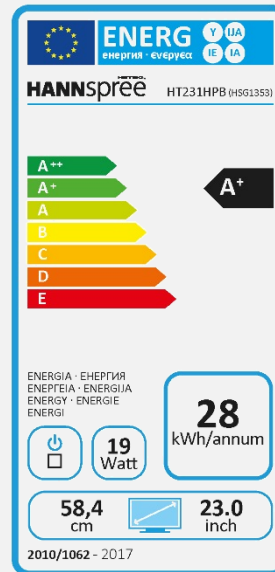
7H  
Surface



Adj  
Stand

Display Size	58,42cm / 23" Diagonal
Panel Type	TFT – LED Backlight
Aspect Ratio	16:9
Resolution (H x V)	1920 x 1080 Full HD
Brightness	250cd/m <sup>2</sup>
Contrast (Typ.)	1.000:1 (Typical)
Contrast (Active)	80.000.000:1 (Active)
Viewing Angle L/R; U/D	170° H – 160° V (CR >10) / 176° H – 170° V (CR >5)
Response Time	5 msec (Typical)
Pixel Pitch	0,265 (H) x 0,265 (V) mm
Touch Type	Projected Capacitive Type – 10 Point Touch
Display Colors	16.7M Colors
Horizontal Frequency	31 ~ 80 kHz
Vertical Frequency	56 ~ 75 Hz
Max Display Frequency	1920 x 1080 @ 60Hz
Input 1	D-Sub (VGA)
Input 2	DVI-D
Input 3	HDMI
Buil-in Speakers	Yes, 1.5W x 2; Earphone Audio Out x 1
Power Consumption	On: 18,73 W; Stand-by: 0,364W; Off: 0,276W
AC Power Range	External Power Supply. Input: AC 100 ~ 240 Volt; 50 ~ 60 Hz. Output: 12V – 3A
Product Dimensions	574,6 x 43,7 x 404 mm (W x D x H)
Packing Dimensions	637,5 x 90 x 515,5 (W x D x H)
Net / Gross Weight	5,4 Kgs / 6,25 Kgs
Bezel & Color Plan	Bezel Arm / Base: Glossy Rear Cover: Matt


VESA Mounting	100 x 100 mm
Monitor Stand	Smart Adjustable Stand ("book" type)
Tilt / Kensington Lock	10° ~ 60° / Yes
Display Protection	Thickness 2,0 mm
Hardness / Transmittance	≥7H Toughened hard panel surface / ≥86%
Controls	Menü, Bri (+), Vol (-), Input/Enter, Power
Color	Warm, Natural, Cool, User Mode
Preset Mode	PC, Movie, Game, ECO Modes
On Screen Display	12 OSD Languages
Accessory	Power Cable (1,5m); VGA Cable (1,5m); Audio Cable (1,8m); USB Cable (1,8m); Warranty Card; Quick Start Guide



Supplier's Name	HANNspree
Model Name	HT231HPB
Energy Efficiency Class	A+
Screen Size (Centimetres)	58,4
Screen Size (Inches)	23,00
On mode power Consumption (W)	19
Annual Energy Consumption* (kWh)	28
Standby-mode Power Consumption (W)	0,364
Off-mode Power Consumption (W)	0,276
Screen Resolution	1920 x 1080

PART. NO.:  
HT 231 HPB





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\* Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.