

Technical Specifications

Picture/Display

Diagonal screen size (metric)	108.0 cm
Diagonal screen size (inch)	42.5 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m ²
Contrast ratio (typical)	1100:1
Dynamic contrast ratio	500,000:1
Surface treatment	Anti-Glare coating

Interactivity

Multi-touch technology	Infrared touch
Touch points	10 simultaneous touch points
Plug and play	HID compliant
Protection glass	<ul style="list-style-type: none">• 5 mm tempered safety glass• Anti-Glare• Anti-Reflective

Connectivity

Video input	<ul style="list-style-type: none">• DisplayPort (1.2)• HDMI (x2)• DVI-D
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Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.49 x 0.49 mm
Display colors	16.7 million
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	<ul style="list-style-type: none"> • 3/2 - 2/2 motion pull down • 3D Combfilter • Motion compens. deinterlacing • Progressive scan • 3D MA deinterlacing • Dynamic contrast enhancement

Video output	<ul style="list-style-type: none"> • USB • VGA (via DVI) • DisplayPort • DVI-I • VGA (via DVI-D)
Audio input	<ul style="list-style-type: none"> • Audio Left/Right (RCA) • 3.5 mm jack
Audio output	<ul style="list-style-type: none"> • Audio Left/Right (RCA) • External speaker connector
External control	<ul style="list-style-type: none"> • RJ45 • IR (in/out) 3.5 mm jack • RS232C (in/out) 2.5 mm jack
Other connections	<ul style="list-style-type: none"> • micro SD • micro USB • mPCIe • USB power outlet (5 V. 2 amp)

Supported Display Resolution

Computer formats	<ul style="list-style-type: none"> • 640 x 480, 60, 67, 72, 75Hz • 800 x 600, 56, 60, 72, 75Hz • 1024 x 768, 60Hz • 1280 x 768, 60Hz • 1280 x 800, 60Hz • 1280 x 1024, 60Hz • 1360 x 768, 60Hz • 1366 x 768, 60Hz • 1440 x 900, 60Hz • 1600 x 1200, 60Hz
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Convenience

Placement	<ul style="list-style-type: none"> • Landscape (24/7) ? • Portrait (24/7) ?
Signal Loop Through	<ul style="list-style-type: none"> • RS232 • VGA • IR Loophrough • DisplayPort • DVI

Video formats	• 1920 x 1080, 60Hz
	• 1920 x 1200, 60Hz
	• 480i, 60Hz
	• 480p, 60Hz
	• 576p, 50Hz
	• 576i, 50Hz
	• 720p, 50, 60Hz
	• 1080i, 50, 60Hz
	• 1080p, 50, 60Hz

Dimensions

Set Width	1002.6 mm
Set Height	590.8 mm
Set Depth	91.4 mm
Set Width (inch)	39.47 inch
Set Height (inch)	23.26 inch
Set Depth (inch)	3.60 inch
Product weight	19.4 kg
Product weight (lb)	42.77 lb
Bezel width	29.2 mm
VESA Mount	400 x 400 mm, M6

Power

Mains power	100 ~ 240 VAC, 50/60Hz
Standby power consumption	<0.5W

Network controllable	<ul style="list-style-type: none"> • RS232 • RJ45 • One Wire (HDMI-CEC) • HDMI (One Wire)
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Picture performance	Advanced color control
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Picture in picture	PIP
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Screen saving functions	Pixel Shift, Low Brightness
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Keyboard control	<ul style="list-style-type: none"> • Hidden • Lockable
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Remote control signal	Lockable
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Energy saving functions	Smart Power
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Other convenience	Carrying handles
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Sound

Built-in speakers	2 x 10W
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Operating conditions

Temperature range (operation)	5 ~ 40 °C
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Relative humidity	20 ~ 80 %
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MTBF	50,000 hour(s)
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Altitude	0 ~ 3000 m
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Temperature range (storage)	-20 ~ 60 °C
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Consumption (Typical) 59 W

Miscellaneous

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| On-Screen Display Languages | <ul style="list-style-type: none">• Arabic• English• French• German• Italian• Japanese• Polish• Spanish• Turkish• Russian• Simplified Chinese• Traditional Chinese• Danish• Dutch• Finnish• Norwegian• Portuguese• Swedish |
| Regulatory approvals | <ul style="list-style-type: none">• CE• CCC• FCC, Class B• UL/cUL• RoHS• CB• C-Tick• BSMI• EnergyStar 7.0• GOST• PSE• VCCI |

Accessories

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| Included accessories | <ul style="list-style-type: none">• AC Power Cord• RS232 cable• USB cable• Remote Control• Batteries for remote control• Quick start guide |
| Optional accessories | ColourCalibrationKit (CCK4601) |
| Stand | BM05922 (Optional) |

Multimedia Applications

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|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB Playback Audio | <ul style="list-style-type: none">• AAC• AIF• AIFF• ASF• LPCM• M3U• M4A• MP3• MP4• WAV• WMA |
| USB Playback Picture | <ul style="list-style-type: none">• BMP• GIF• JPEG• JPG• PDF |
| USB Playback Video | <ul style="list-style-type: none">• M2TS• M4V |

Warranty

3 year warranty

Internal Player

CPU

Quad Core Cortex
A9 1.8GHz

GPU

ARM Mali400 Quad
Core 533MHz

Memory

2GB DDR3

Storage

16GB EMMC

- MK3D
- MKV
- MP4
- MPEG
- MPG
- MTS
- TS
- TTS
- VOB
- WMV

What's in the box?

All items in the box

Other items in the box

AC Power Cord, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide, Optional accessories: ColourCalibrationKit (CCK4601).