

DISPLAY

Diagonal Size	55"
Resolution	3,840 x 2,160 (UHD)
Backlight Unit Type	Direct
Display Type	IPS
Brightness	400 nits
Dynamic Contrast Ratio	1,000,000:1
Refresh Rate	60 Hz
Response Time (G to G)	8 ms
Life Span	30,000 hours

VIDEO

HDR_HDR 10 Pro	Yes
HDR_HLG	Yes
UHD Contents Streaming Support	USB / IP / HDMI / RF
Tru 4K Upscaler	Yes

BROADCASTING

Digital (Terrestrial, Cable, Satellite)	ATSC (Clear QAM)
Analog (NTSC / SECAM / PAL)	NTSC

MPEG-2 / MPEG-4 H.264 Decoding	Yes
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Closed Caption	Yes
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AUDIO

Speaker (Sound Output)	10 W + 10 W
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Speaker System	2.0 ch
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AI Sound	Yes
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One Touch Sound Tuning	Yes
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LG Sound Sync	Optical/Bluetooth Wireless
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HOSPITALITY

Pro:Centric Data Streaming (IP & RF)	Yes
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HCAP (GEM / FLASH / HTML)	GEM / HTML5
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Pro:Centric IP Return Path	Yes
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Multicast / Unicast ready	Yes / Yes
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Pro:Centric webRTC (Real Time Communication)	Yes with Java script
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Pro:Centric Direct (HTML)	Yes
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Pro:Centric Application (Java)	Yes
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Quick Menu Version	4.0
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Pro:Idiom DRM (S/W, Mobile, Lite)	Yes
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SMART FEATURES

Gallery Mode	Yes
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Web Browser	Yes
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CP App	Yes
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Magic Motion Remote (MMR) Compatibility	Yes
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SW Clock (World Clock / Alarm)	Yes
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Soft AP	Yes
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Wi-Fi	Yes
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Screen Share (Miracast / WiDi)	Yes
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Smart Share (DLNA)	Yes
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LG Connect (LG TV Plus App)	Yes
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DIAL	Yes
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Beacon	Yes
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Bluetooth Sound Sync	Yes
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Mobile Connection Overlay	Yes
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OTHER FEATURES

First Use Wizard	Yes
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USB Data Cloning	Yes
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Wake on RF	Yes
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WOL	Yes
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SNMP	Yes
Diagnostics (IP Remote)	Yes
SI Compatible	Yes (MPI, RS-232C)
Simplink (HDMI-CEC) plus CEC-HTNG	Yes (1.4)
IR Out	Yes (MPI, RS-232C)
Multi-code IR	Yes
Installer Menu	Yes
Welcome Screen (Boot Logo)	Yes
Insert Image	Yes
One Channel Map (LCM)	Yes
Instant On	Yes
V-Lan Tag	Yes
RJP (Remote Jack Pack) Compatibility	HDMI (CEC)
Auto Off / Sleep Timer	Yes / Yes
Embedded b-LAN	Yes

INTERFACES

HDMI In	3 (2.0)
USB In	2 (2.0)
Antenna / Cable In (RF)	1 (Dual b-LAN)

Optical Digital Audio Out	1
RS-232C (Control & Service)	3.5mm Stereo Jack
RJ45	2 Ethernet, Aux
Line Out	3.5mm Stereo Jack
TV Link Configuration (for b-LAN)	3.5mm Stereo Jack
MPI Port (RJ12)	1
Service Only	3.5mm Stereo Jack

MECHANICALS

Stand Type	1 Pole Fixed Stand
Front Color	Ceramic Black
VESA Compatable	300 x 300
Lock Down Plate	Yes
Chromecast Anti-theft Cover	Yes (optional)
Weight without Stand	31.5 lbs / 14.3 kg
Weight with Stand	38.5 lbs / 17.5 kg
Shipping Weight	51.1 lbs / 23.2 kg
Dimensions without Stand (W x H x D)	49" x 28.6" x 3.4"/1,244 x 726 x 87.1 mm
Dimensions with Stand (W x H x D)	49" x 30.7" x 11.9"/1,244 x 780 x 303 mm
Shipping Dimensions (W x H x D)	55.5" x 33.9" x 8.1"/1,410 x 860 x 207 mm

Bezel Width (L / R / T / B): On Bezel	17 / 17 / 17 / 23.8 mm
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Bezel Width (L / R / T / B): Off Bezel	15.5/ 15.5 / 15.5 / 22.3 mm
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POWER

Power Supply (Voltage, Hz)	120 Vac ~ 50/60 Hz
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Max Power Consumption	160 W
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Typical Power Consumption	72.1 W
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Standby Power Consumption	Less than 0.5 W
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WARRANTY & OTHER

Standards & Certification	UL & FCC
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UPC Code	195174023228
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Warranty	Two-Year Limited Warranty
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Remote type	S-Con / MMR (Optional)
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Power Cable	1.8 m, Angle Type
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