

SAMSUNG

UniKomp.pl
Nowe Technologie IT

ul. Dworcowa 8
43-200 Pszczyna
sklep@unikomp.pl
www.wyswietlanie.pl

Telefony
(32) 210 22 11
(32) 326 33 00
(32) 212 88 22

Smart Hospitality Display

HQ60A

Brilliant, long-lasting color with Quantum Dot

Highlights

- Quantum Dot technology for brilliant color at any brightness
- Sleek and slim design that blends seamlessly into any room
- Immersive 3D surround sound with virtual top channel audio
- Instant smartphone content mirroring with one tap
- Smooth app development with refined performance and security
- Manage all displays and the full guest experience seamlessly with powerful LYNK Cloud

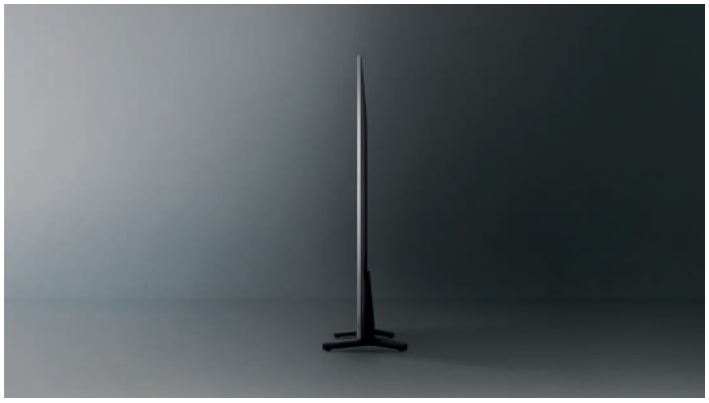
Key features



A billion shades of color with Quantum Dot

Quantum Dot technology delivers our finest picture ever. With Color Volume 100%, Quantum Dot takes light and turns it into breathtaking color that stays true at any level of brightness.

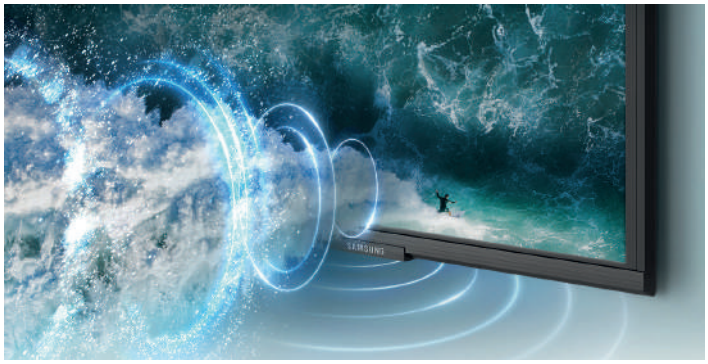
*100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE.



Sleek and slim, more than ever

Ultra-slim design provides further flexibility, enabling hotel operators to create optimized room layouts that increase guest comfort.

Key features



Virtual sound that tracks the action

With 3D surround sound leveraging our virtual top channel audio, any room, small or large, is fully immersed in the audio experience.



Simply tap to connect

Mirroring movies or music from guests' mobile devices to TV is as simple as a tap. When they tap their in-room TV with their mobile device, the TV senses the tap and mirrors automatically.

* Tap View is available on Samsung Galaxy devices with Android OS 8.1 and higher.



Simple, compatible web app development

Beyond its advanced graphics capabilities, Samsung's H.Browser empowers smooth application development. All apps can be stored within the TIZEN OS and are supported by Web Simulator and Remote Web Inspector tools that further refine app performance and security.



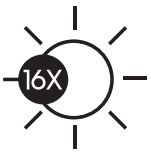
Experience a comprehensive hospitality solution

Samsung LYNK Cloud empowers hotel managers with a powerful set of tools to enhance guests' experiences. LYNK Cloud provides remote display management and can even analyze guests' content use to uncover marketing insights that help hotel managers deliver optimized promotions.

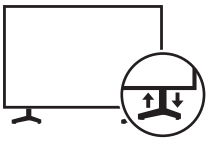
* Samsung LYNK Cloud solution must be purchased separately.



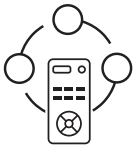
Quantum Processor Lite 4K



Quantum HDR 16x



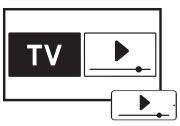
Adjustable stand



One Remote Control



Ambient Mode+



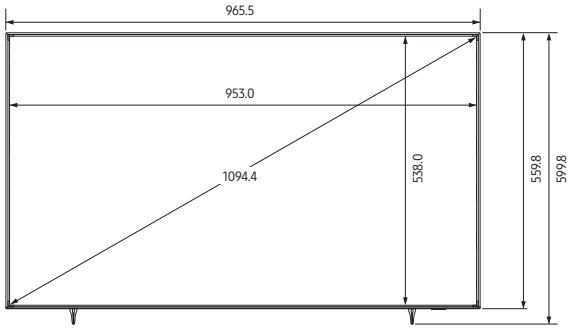
Multi View

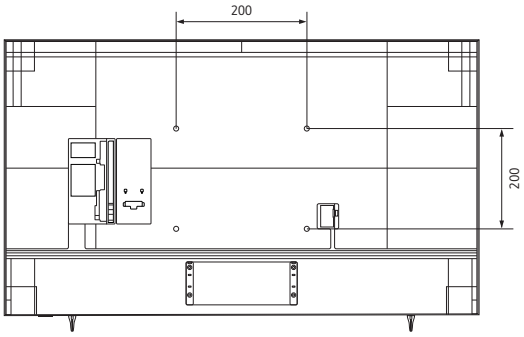
Specifications

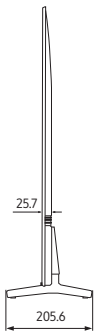
Model		43"	50"	55"	65"	75"
Display	Product	QLED	QLED	QLED	QLED	QLED
	Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Video	Picture Engine	Quantum Processor Lite	Quantum Processor Lite	Quantum Processor Lite	Quantum Processor Lite	Quantum Processor Lite
	Micro Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming	Supreme UHD Dimming
	LED Clear Motion	Yes	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes	Yes
	Natural Mode Support	Yes	Yes	Yes	Yes	Yes
	PQI (Picture Quality Index)	3100	3100	3100	3100	3100
	HDR(High Dynamic Range)	Quantum HDR	Quantum HDR	Quantum HDR	Quantum HDR	Quantum HDR
	HDR10+	Certified	Certified	Certified	Certified	Certified
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes	Yes
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Color	100% Color Volume with Quantum Dot	100% Color Volume with Quantum Dot	100% Color Volume with Quantum Dot	100% Color Volume with Quantum Dot	100% Color Volume with Quantum Dot
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178
	Contrast Enhancer	Yes	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH
	Bluetooth Audio	Yes	Yes	Yes	Yes	Yes
Smart TV	Samsung SMART TV	Smart	Smart	Smart	Smart	Smart
	TV Plus	Yes (GB, FR, DE, IT, ES, CH, AT)	Yes (GB, FR, DE, IT, ES, CH, AT)	Yes (GB, FR, DE, IT, ES, CH, AT)	Yes (GB, FR, DE, IT, ES, CH, AT)	Yes (GB, FR, DE, IT, ES, CH, AT)
	Web Browser	Yes	Yes	Yes	Yes	Yes
VESA	VESA Mount	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 300 mm	400 x 400 mm
	VESA Screw Size	M8	M8	M8	M8	M8
	VESA Screw Depth	11-13	11-13	11-13	11-13	11-13
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes
	WiFi Direct	Yes	Yes	Yes	Yes	Yes
	TV Sound to Mobile	N/A	N/A	N/A	N/A	N/A
	Sound Mirroring	Yes	Yes	Yes	Yes	Yes
General Feature	Accessibility	UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT)				
	Digital Clean View	Yes	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes
	Connect Share™ (HDD)	Yes	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)				
	BT HID Built-in	Yes	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes	Yes
	Ambient Mode	Ambient Mode	Ambient Mode	Ambient Mode	Ambient Mode	Ambient Mode
	MBR Support	Yes	Yes	Yes	Yes	Yes
	IPv6 Support	Yes	Yes	Yes	Yes	Yes
System	Digital Broadcasting	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2
	Analog Tuner	Yes	Yes	Yes	Yes	Yes
	CI (Common Interface)	CI+(1.4) / CI+(1.4 ECP)_IT only	CI+(1.4) / CI+(1.4 ECP)_IT only	CI+(1.4) / CI+(1.4 ECP)_IT only	CI+(1.4) / CI+(1.4 ECP)_IT only	CI+(1.4) / CI+(1.4 ECP)_IT only
	Data Broadcasting	HbbTV 2.0.2 (IT,GB,DE,CZ,SK,ES,PL,AT,FR,FI,EE,GR,SI,HR,BE,NL,LU,LT,HU,CH,PT,DK,ME)/MHEG 5(IE)				
Hospitality Feature	H.Browser Compatibility	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ Cloud	Yes	Yes	Yes	Yes	Yes
	Hospitality Home Menu 2.0	Yes	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU Control)	Yes	Yes	Yes	Yes	Yes
	RJ12/IR Pass Through	Yes	Yes	Yes	Yes	Yes
	Clock Back Up Supply	Yes	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes	Yes	Yes
Input & Output	HDMI	3	3	3	3	3
	USB	2	2	2	2	2
	Ethernet (LAN)	Yes	Yes	Yes	Yes	Yes
	Digital Audio Out (Optical)	1	1	1	1	1
	RF In (Terrestrial / Cable input / Satellite Input)	1/1(Common Use for Terrestrial)/1	1/1(Common Use for Terrestrial)/1	1/1(Common Use for Terrestrial)/1	1/1(Common Use for Terrestrial)/1	1/1(Common Use for Terrestrial)/1
	CI Slot	1	1	1	1	1
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes	Yes
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A	N/A
	Variable Audio Out	Yes	Yes	Yes	Yes	Yes
	Variable Audio Out Volume Control	Yes	Yes	Yes	Yes	Yes
	RJ12	Yes	Yes	Yes	Yes	Yes
	Ethernet Bridge (LAN-Out)	Yes	Yes	Yes	Yes	Yes
Design	Front Color	BLACK	BLACK	BLACK	BLACK	BLACK
	Stand Type	FLOAT LIFT	FLOAT LIFT	FLOAT LIFT	FLOAT LIFT	FLOAT LIFT
	Bezel Type	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
Eco	Energy Efficiency Class	G	G	F	F	F
	Eco Sensor	Yes	Yes	Yes	Yes	Yes
Power	Power Supply (V)	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	125 W	140 W	145 W	170 W	230 W
	Power Consumption (Energy Saving Mode)	N/A	N/A	N/A	N/A	N/A
	Power Consumption (Stand-by)	0.50 W	0.50 W	0.50 W	0.50 W	0.50 W
	Power Consumption (Typical)	62.0 W	70.0 W	77.0 W	102 W	129 W
Dimension	Set Dimension without Stand (WxHxD)	965.5 x 559.8 x 25.7 mm	1118.3 x 644.5 x 25.7 mm	1232.1 x 708.8 x 25.7 mm	1450.9 x 831.8 x 25.7 mm	1676.7 x 960.3 x 26.6 mm
	Set Dimension with Stand (WxHxD)	965.5 x 599.8 x 205.6 mm	1118.3 x 683.6 x 228.8 mm	1232.1 x 747.8 x 228.8 mm	1450.9 x 871.0 x 281.8 mm	1676.7 x 1005.5 x 340.4 mm
	Package Dimension (WxHxD)	1093 x 677 x 129 mm	1246 x 771 x 137 mm	1399 x 846 x 148 mm	1612 x 950 x 164 mm	1834 x 1110 x 190 mm
Weight	Set Weight without Stand	8.4 kg	11.5 kg	15.5 kg	20.9 kg	32.1 kg
	Set Weight with Stand	8.9 kg	12.2 kg	16.2 kg	21.8 kg	33.3 kg
	Package Weight	12.1 kg	16.4 kg	22.5 kg	28.8 kg	43.6 kg
Accessory	Remote Controller Model	TM2180E	TM2180E	TM2180E	TM2180E	TM2180E
	Samsung Smart Control (Included)	Yes	Yes	Yes	Yes	Yes
	Mini Wall Mount Supported	Yes	Yes	Yes	Yes	N/A
	VESA Wall Mount Supported	Yes	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes	Yes
	Optional Stand Support (Studio)	N/A	N/A	Yes	Yes	N/A

Technical drawings

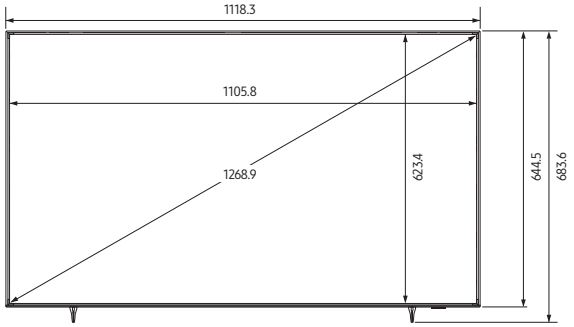
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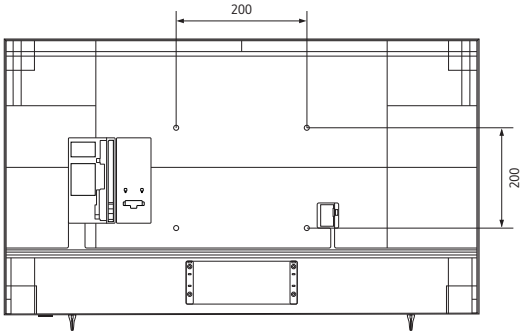


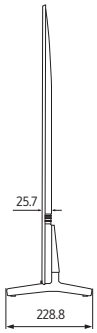




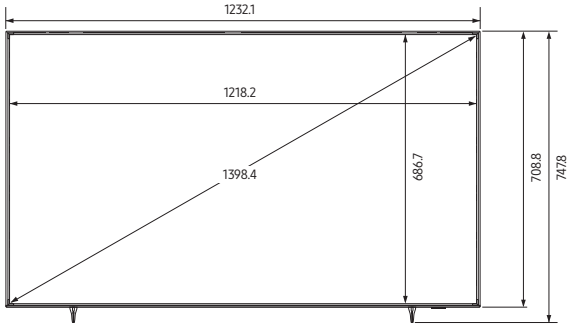
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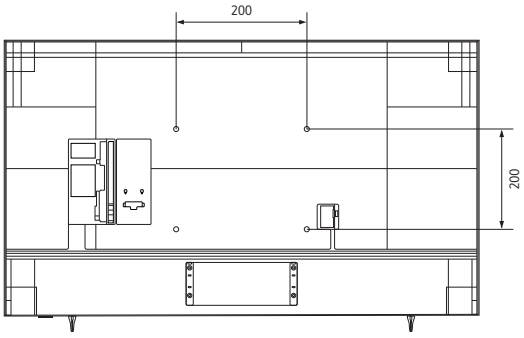


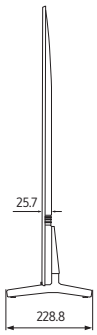




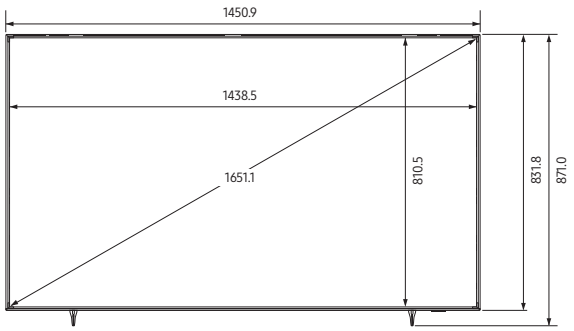
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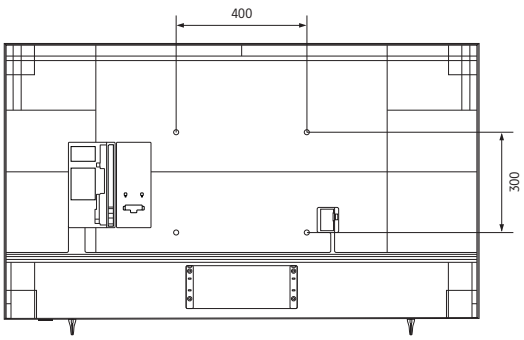


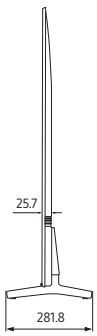




65″



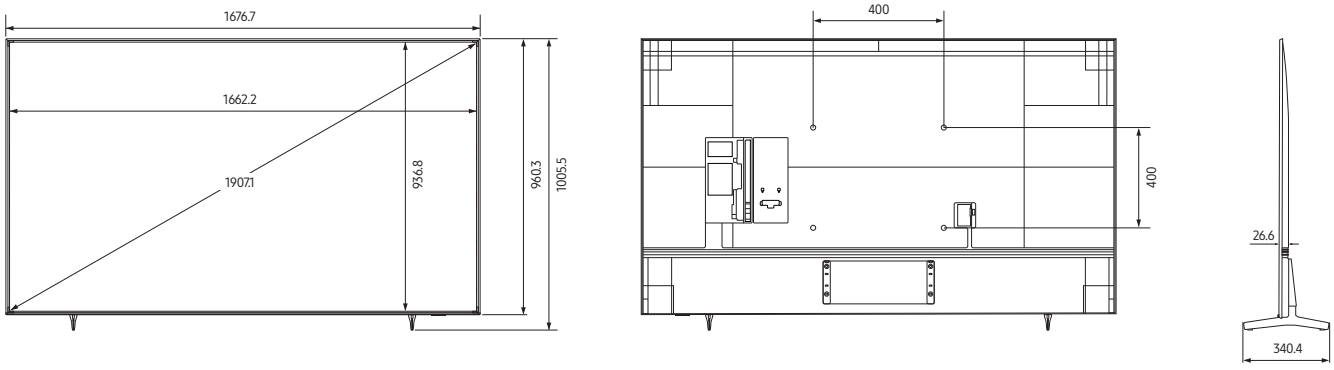




SAMSUNG

Technical drawings

75"



Connectors



1	VARIABLE	6	HDMI IN 2 (eARC)	11	ANT IN
2	VOL-CTRL	7	HDMI IN 1		
3	USB (5V 0.5A)	8	SERVICE		
4	USB (HDD 5V1A)	9	DATA		
5	LAN IN	10	LAN OUT		

UNIKOMP.pl
Nowe Technologie IT

ul. Dworcowa 8
43-200 Pszczyna
sklep@unikomp.pl
www.wyswietlanie.pl

Telefony
(32) 210 22 11
(32) 326 33 00
(32) 212 88 22