Samsung Hospitality Displays

HJ690U Series (North America)

Highlights

- Elevate featured content to UHD resolution through dedicated upscaling technology
- Improve picture clarity and detail with HDR10+ refinement
- Quickly create and share personalized and promotional messaging
- Allow guests to manage in-room settings within an intuitive home menu
- Gauge and address maintenance needs in anticipation of guest requests
- Build and launch compatible web applications within the powerful TIZEN operating system
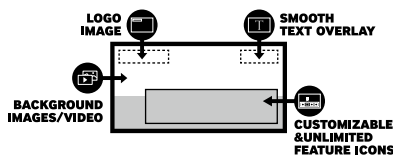
UHD-Quality Content Delivery

Samsung's hospitality displays offer hotel guests the vivid picture quality of home entertainment systems on their in-room screens. Through UHD upscaling technology, these refined displays showcase all content at UHD resolution (3,840 x 2,160), and with four times the pixels of the FHD standard.
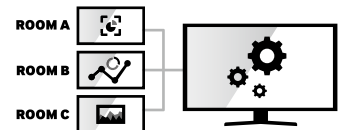
Refined Picture Quality

Beyond consistent UHD quality, Samsung's displays bring the power of High Dynamic Range (HDR10+) picture refinement to any hotel room. Using dynamic metadata that fine-tunes each frame within a given program, HDR10+ technology delivers an optimal, detail-rich and memorable viewing experience.

Powerful Performance, Enhanced Security

Backed by the powerful TIZEN operating system, Samsung hospitality displays reinforce secure content delivery across the application, platform and system layers. This rigid security also enables TIZEN's H.Browser technology to render 2D and 3D content and achieve faster upload and response times.

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.

A Tailored Home Menu

Each Samsung hospitality display includes an intuitive, customizable home menu that streamlines content exchange between hotels and guests. Content managers can easily incorporate images, logos and feature icons specific to guest needs, and which reinforce special offers and hotel branding

Centralized, Real-Time Management

Compatible with existing LAN, Wi-Fi and coaxial infrastructures, Samsung's LYNK REACH 4.0 content platform centralizes and streamlines overall hotel maintenance. Hotel managers now can remedy issues across single displays or display groups before they escalate.

End-To-End Personalized Service

Hotels additionally can use LYNK REACH 4.0 to deliver customized guest messaging. Upon arrival, guests can receive a personalized greeting along with information about promotions or on-site amenities relevant to their stay. LYNK REACH 4.0 also provides express check-out for added convenience.

Convenient and Thorough Room Management

LYNK HMS delivers pleasant and memorable guest experience in a more cost-efficient manner. Hotel operators can streamline content delivery property-wide while also managing heat and air activity based on room occupancy.
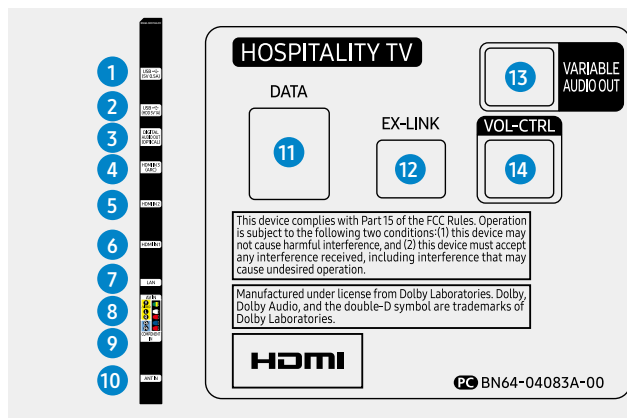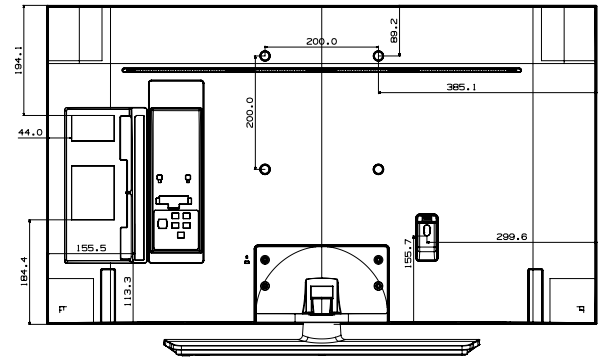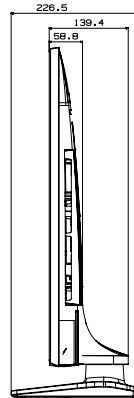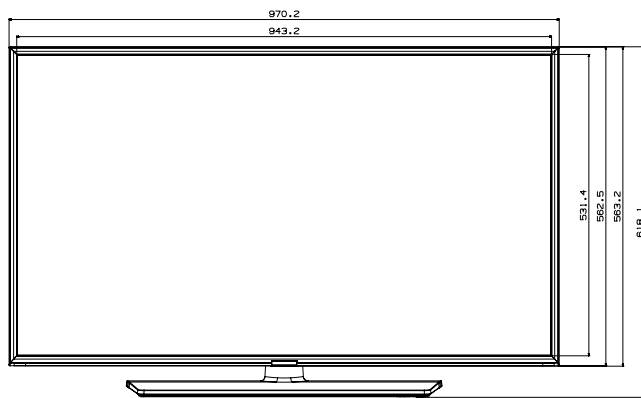
Additional Features

- Plug and Play
- LYNK DRM
- Bluetooth Music Player
- Contents Sharing
- Sound Bar Compatibility
- SI Compatibility
- Soft AP
- Variable Speaker
- Security Mode
- Swivel Stand
- ISTA

SAMSUNG

Specifications

	Model	43NJ69U HG43NJ690UF	50NJ69U HG50NJ690UF	55NJ69U HG55NJ690UF	65NJ69U HG65NJ690UF	75NJ69U HG75NJ690UF
Display	Backlight	LED	LED	LED	LED	LED
	Screen Size	43	50	55	65	75
	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	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine
	Micro Dimming	N/A	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
	DTS Codec	N/A	N/A	N/A	N/A	N/A
	Sound Output (RMS)	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH
	Woofer	N/A	N/A	N/A	N/A	N/A
Smart TV	Samsung SMART TV	Smart	Smart	Smart	Smart	Smart
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes
General Feature	Processor	Quad-Core	Quad-Core	Quad-Core	Quad-Core	Quad-Core
	Accessibility	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio
	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
	Game Mode	Yes	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French
	Picture-In-Picture	N/A	N/A	N/A	N/A	N/A
	BT HID Built-in	Yes	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes	Yes
	Teletext (TTX)	N/A	N/A	N/A	N/A	N/A
System	Digital Broadcasting	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
	Analog Tuner	Yes	Yes	Yes	Yes	Yes
	CI (Common Interface)	N/A	N/A	N/A	N/A	N/A
	Data Broadcasting	N/A	N/A	N/A	N/A	N/A
Hospitality Feature	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes	Yes
	H.Browser Compatibility	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Hospitality Home Menu	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes	Yes

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Hospitality Feature					
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
Logo Display with Time Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes	Yes
RJ12/IR Pass Through	Yes	Yes	Yes	Yes	Yes
External Clock Compatibility	No	No	No	No	No
Clock Back Up Supply	Yes	Yes	Yes	Yes	Yes
External Clock Dimming Control	No	No	No	No	No
Software Clock	N/A	N/A	N/A	N/A	N/A
Multi Code Remote Control	Yes	Yes	Yes	Yes	Yes
Screwed Remote Battery Cover	Yes	Yes	Yes	Yes	Yes
Soundbar Compatibility	Yes	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	No	No	No	No	No
USB Cloning	Yes	Yes	Yes	Yes	Yes
Smoovie Compatibility	Yes	Yes	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes
Pro:Idiom	Yes	Yes	Yes	Yes	Yes
bLAN	No	No	No	No	No
Security Mode	Yes	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	Yes
IP Over Coax	No	No	No	No	No
Input & Output					
USB (Side/Rear)	2	2	2	2	2
Composite In (AV) (Side/Rear)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)
RF In (Terrestrial / Cable input) (Side/Rear)	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
Ex-Link (RS-232C)	1	1	1	1	1
CI Slot (Side/Rear)	N/A	N/A	N/A	N/A	N/A
HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes	Yes
Wireless LAN Built-in	Yes	Yes	Yes	Yes	Yes
Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes
Pillow Speaker Jack (Side/Rear)	No	No	No	No	No
Variable Audio Out (Side/Rear)	0/1	0/1	0/1	0/1	0/1
Variable Audio Out Volume Control (Side/Rear)	0/1	0/1	0/1	0/1	0/1
Video Out (Side/Rear)	N/A	N/A	N/A	N/A	N/A
RJ12 (Side/Rear)	0/1	0/1	0/1	0/1	0/1
RJP (Remote Jackpack) (Side/Rear)	0/1	0/1	0/1	0/1	0/1

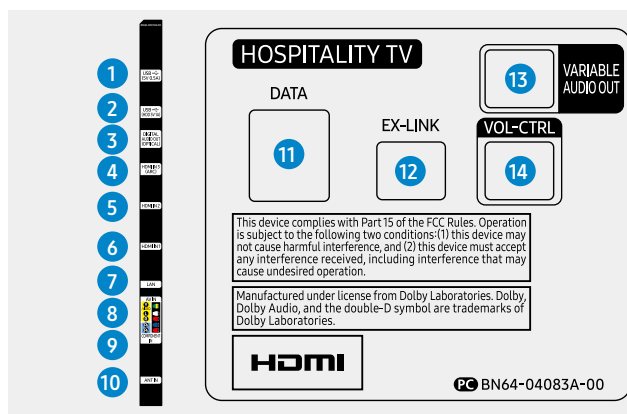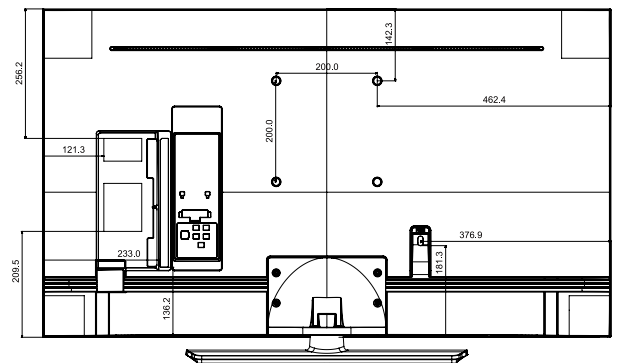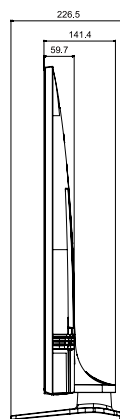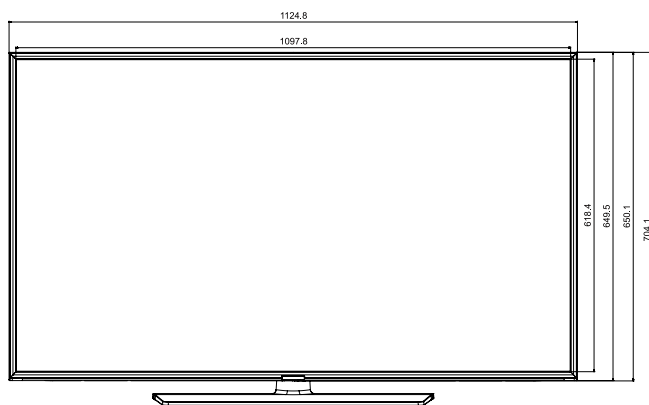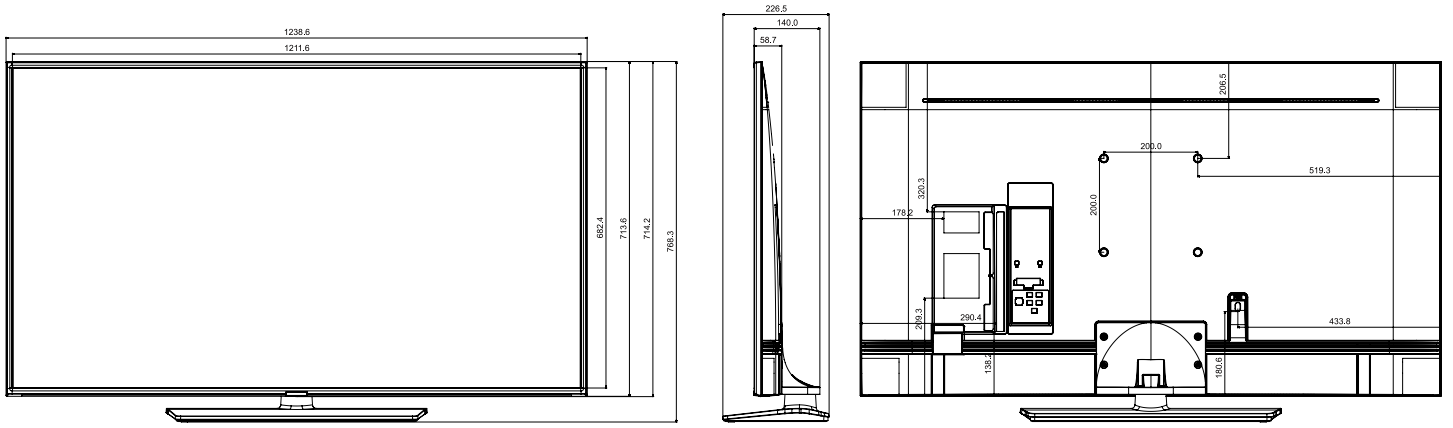| Model		43NJ69U HG43NJ690UF	50NJ69U HG50NJ690UF	55NJ69U HG55NJ690UF	65NJ69U HG65NJ690UF	75NJ69U HG75NJ690UF
Input & Output	Headphone ID (Side/Rear)	N/A	N/A	N/A	N/A	N/A
	Door-Eye Control (Side/Rear)	No	No	No	No	No
	Door-Eye Video In (Side/Rear)	No	No	No	No	No
	PC In (D-sub) (Side./Rear)	No	No	No	No	No
	PC/DVI Audio In (Mini Jack) (Side./Rear)	No	No	No	No	No
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A	N/A
Design	Front Color	Charcoal Black	Charcoal Black	Charcoal Black	Charcoal Black	Charcoal Black
	Stand Type	Square	Square	Square	Square	Simple Luminus
	Swivel (Left/Right)	90/90	90/90	90/90	90/90	N/A
Eco	ENERGY STAR (Latest effective version)	Yes	Yes	Yes	Yes	Yes
	Eco Sensor	Yes	Yes	Yes	Yes	Yes
Power	Power Supply (V)	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz
	Power Consumption (Max)	105 W	125 W	140 W	170 W	195 W
	Power Consumption (Stand-by)	0.3 W	0.3 W	0.3 W	0.3 W	0.3 W
	Power Consumption (Typical)	50 W	60 W	65 W	75 W	95 W
Dimension	Set Dimension without Stand (WxHxD)	970.2 x 563.2 x 58.8 mm	1124.8 x 650.2 x 59.7 mm	1238.6 x 714.2 x 59.2 mm	1457.5 x 837.3 x 59.7 mm	1684.6 x 966.4 x 60.6 mm
	Set Dimension with Stand (WxHxD)	970.2 x 618.1 x 226.5 mm	1124.8 x 704.2 x 226.5 mm	1238.6 x 768.4 x 226.5 mm	1457.5 x 908.7 x 355.1 mm	1684.6 x 1056.5 x 356.1 mm
	Package Dimension (WxHxD)	1185 x 670 x 157 mm	1354 x 790 x 157 mm	1441 x 852 x 170 mm	1760 x 970 x 196 mm	1871 x 1131 x 234 mm
Weight	Set Weight without Stand	9.6 kg	13.6 kg	17.3 kg	25.0 kg	37.0 kg
	Set Weight with Stand	12.7 kg	16.8 kg	20.5 kg	30.2 kg	37.5 kg
	Package Weight	17.0 kg	22.4 kg	26.5 kg	39.5 kg	49.3 kg
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A	N/A
	Mini Wall Mount Supported	Yes	Yes	Yes	Yes	Yes
	Vesa Wall Mount Supported	Yes	Yes	Yes	Yes	Yes
	User Manual	N/A	N/A	N/A	N/A	N/A
	E-Manual	N/A	N/A	N/A	N/A	N/A
	ANT-Cable	N/A	N/A	N/A	N/A	N/A
	Power Cable	Yes	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	Yes	Yes	Yes
	Security Screws (Stand Base)	Yes	Yes	Yes	Yes	Yes
	PureCare Remote(Seamless White Remote)	No	No	No	No	No
	Angle Adaptor (for Side RF tuner)	No	No	No	No	No

Specifications

HG43NJ690UF

Connectors

1. USB(5V 0.5A)
2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
5. HDMI IN 2
6. HDMI IN1
7. LAN
8. AV IN
9. COMPONENT IN
10. ANT IN
11. DATA
12. EX-LINK
13. VARIABLE AUDIO OUT
14. VOL-CTRL

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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HDMI

PC BN64-04083A-00

HG50NJ690UF

Connectors

1. USB(5V 0.5A)
2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
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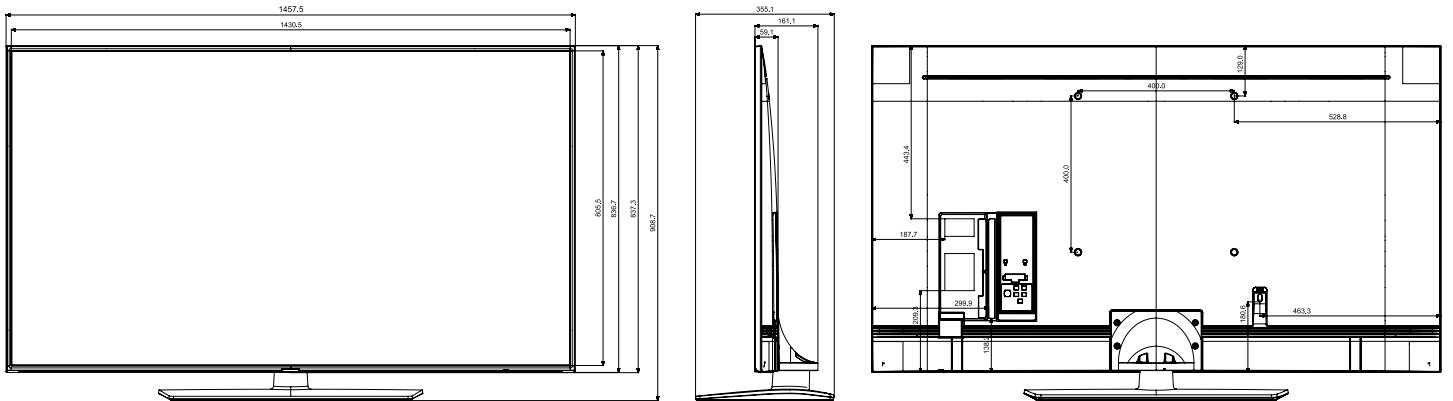
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HDMI

PC BN64-04083A-00

Specifications

HG55NJ690UF

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1. USB(5V 0.5A)
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3. DIGITAL AUDIO OUT(OPTICAL)
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HOSPITALITY TV
DATA
EX-LINK
VOL-CTRL
VARIABLE AUDIO OUT

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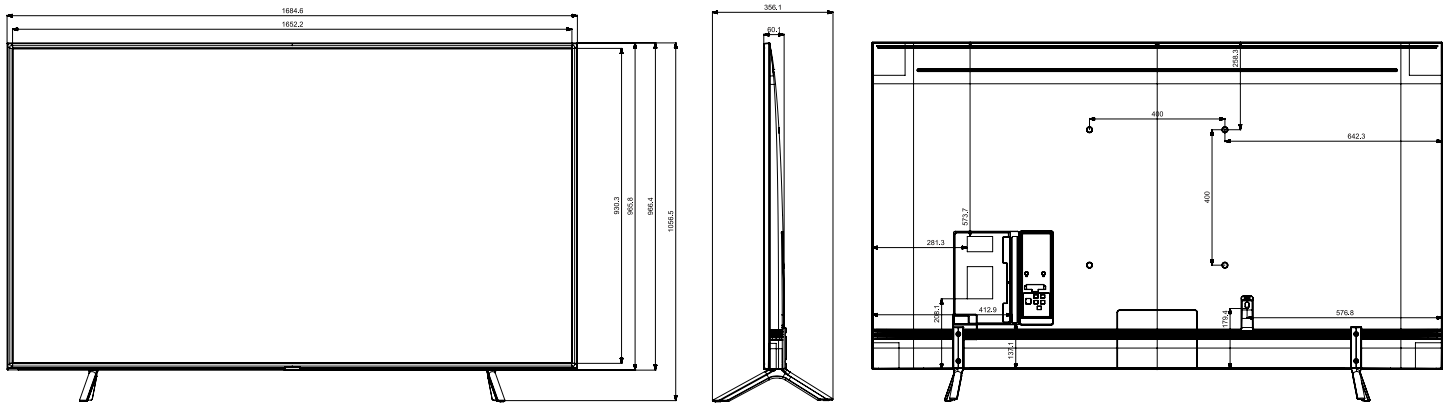
HDMI

PC BN64-04083A-00

HG65NJ690UF

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HDMI

PC BN64-04083A-00

Specifications

HG75NJ690UF

HOSPITALITY TV

DATA

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VOL-CTRL

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Hospitality Display

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2018-06

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