

Display any content in ultra-high definition with incredibly rich color on slim, efficient signage.

SHOP NOW

Through intelligent UHD upscaling technology, Samsung's QBR and QBT series performs edge restoration and noise reduction to deliver UHD picture quality even with lower resolution content. Backed by Tizen 4.0, the QBR and QBT series also provides reinforced capability with multiple web formats and secured protection. Additionally, its new slim design simplifies wall mounting and ensures seamless installation.

Highlights

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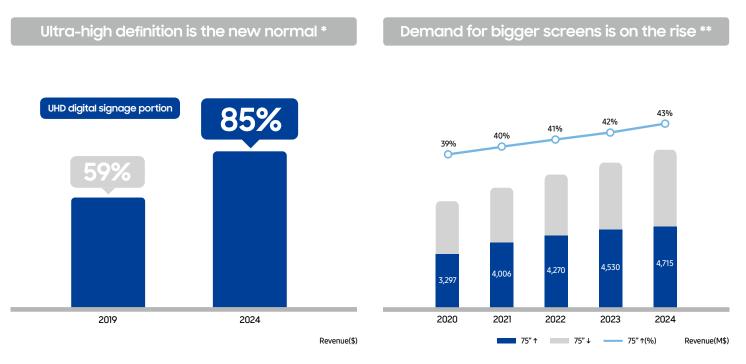
- Engage customers with lifelike images through ultra high-definition resolution
- Deliver UHD-level picture quality even with lower resolution content through Crystal Processor 4K supporting innovative UHD upscaling technology
- Dynamic Crystal Display allows viewers to enjoy a wider spectrum of colors, up to one billion shades
- Symmetrical, slim design simplifies installation and complements any environment
- Secure, PC-free operation through Knox and rigid three-layer protection





Industry trend

With visual display technology continually improving, viewers have developed an ever-growing expectation for better – and bigger – picture quality. Users, more than ever, want to captivate customers with truly like-like images and gain a competitive edge over their industry peers with best-in-class displays. This is reflected in the fact that UHD resolution continues to grow in popularity, becoming an essential way for brands to impress customers amid a wider variety of stunning, aesthetical visuals and content. This trend is coupled with demand for larger screen sizes, particularly in the 75-inch and above category, enabling businesses to differentiate themselves and display content in a more impactful way than ever before.



*/** Source : Omdia, Public Displays Market Tracker Q1 2020, July 2020. Revenues in USD Millions. Does Not Include Consumer TVs Used as Public Displays. Not an Endorsement of Samsung Electronics Co. Ltd. Any Reliance on these results is at the third-party's own risk.

Why Samsung's QBR / QBT series?

Samsung's superior visual display technology has positioned them as the industry leader in the digital signage market for a decade* and Samsung brand having been No.1 in sales for 11 consecutive years in the display market by Omdia**. As an expert in picture quality in the display industry, Samsung is able to deliver best-in-class picture quality through their QBR and QBT series. The signage provides rich and flawless colors, sleek and durable design, powerful performance through SSSP 6 and secured protection. Samsung's QBR and QBT series is also able to upscale the low resolution content to UHD picture quality. For commercial displays, this technology advancement means highly visible signage with unmatched accuracy to help capture the attention of potential customers. It also means savings both in cost and time for businesses who can produce content more inexpensively at a lower resolution and still display it in stunning UHD quality.

* Results based on IHS Technology report "Public Displays Market Tracker", 2009 – 2018. Information is not an endorsement of Samsung. Any reliance on these results is at the third party's own risk. ** According to market research company "Omdia". Ranking in terms of shipments. Results are not an endorsement of Samsung. Any reliance on these results is at the third-party's own risk.









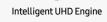
Key features



Incredible UHD picture quality

Samsung's new QBR and QBT series is able to capture customer attention by providing an incredibly clear picture, showcasing lifelike images and intricate details better than ever before thanks to ultra high-definition 4K resolution.









Crystal Processor 4K

Samsung's global leadership in display technology and picture quality spans more than a decade. Thanks to superior semi-conductor technology, Samsung has developed the powerful video processor available. Additionally, intelligent UHD upscaling technology is a cutting-edge solution based on Samsung's proprietary UHD Processor that allows content developed at a lower resolution to be elevated to UHD-level quality. It also performs edge restoration and noise reduction to optimize on-screen text and imagery with crisp edges and fine detail.



Dynamic Crystal Display

Dynamic Crystal Display is what brings the incredible, lifelike color to Samsung displays. Using 10-bit processing, the displays are able to showcase a wider spectrum of colors — up to a billion different shades — capturing subtle differences for flawless color expression, critical to businesses in ensuring brand consistency across communication channels. The QBR and QBT series also features HDR+ functionality that converts standard definition (SDR) content to HDR quality for sharper contrast and more vivid colors.

Key features



Slim and symmetrical design

The all-new slim and symmetrical design of the QBR and QBT series significantly simplifies wall mounting the display and ensures installation is a seamless process. The display's power inlet direction has been redesigned to sit flush against the wall. The new design sets guarantees a long life cycle ensuring the QBR and QBT series will stand the test of time.



Samsung Workspace secured by Knox

Samsung Workspace is a powerful new feature fortified by proprietary Knox security technology allowing users to create an enhanced virtual collaboration workspace without needing a PC in the room, or any physical connection. Simply connect a keyboard and mouse to the display and immediately get to work accessing a PC remotely or web-based cloud services such as Microsoft Office 365 and VMWare Horizon.

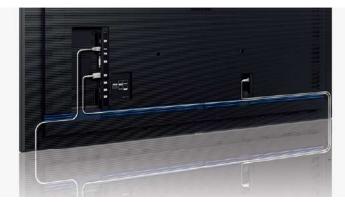
* Samsung Workspace feature support may vary by region and market conditions. * The scheduled availability of this feature varies by model.



Wi-Fi and Bluetooth built-in

The QBR and QBT series features a nearly endless range of business use cases thanks to built-in Wi-Fi and Bluetooth. Wireless connectivity allows for personalized and interactive services including enabling integration with beacon technology in store, while also simplifying how businesses showcase content.

* Image is for illustrative purposes only, specific application or program may have to be developed for the depicted usage scenario.



Clean cable management

In a corporate or retail environment, the back of a display is often visible to customers. With the QBR and QBT series' new cable guide feature retailers can tuck messy cables away from view. This allows for a clean and more visually-appealing customer shopping experience.



Powerful, all-in-one solution

The Samsung SMART Signage Platform (SSSP) is an open-source, all-in-one solution embedded in Samsung SMART signage that simplifies installation and maintenance. With SSSP, there is no need for any external devices to communicate with the server or play digital media enjoying easy development, reinforced capability with multiple web formats, and secured protection.



Industry standard certified

QBR displays are EMC class B compliant, providing a safe and healthy viewing environment by meeting strict standards of electromagnetic wave emission and assuring reliable operation even near other electronic equipment. The displays are also registered by EPEAT, the global ecolabel for IT, confirming the hardware is sustainable for the full product lifecycle, from design and production to energy use and recycling.

* QB85R and QB98T have EMC class A certification and not registered by EPEAT.

Specifications

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	Model		QB43R	QB50R	QB55R	QB65R	QB75R
		Class	43	50	55	65	75
	Diagonal Size						
		Measured	42.5	50	54.6	64.5	74.5
	Туре		Edge LED BLU				
	Resolution		UHD (3840 x 2160)				
	Pixel Pitch (mm)		0.2451 x 0.2451	0.285 x 0.285	0.315 x 0.315	0.372 x 0.372	0.42975 x 0.42975
	Active Display Area		941.184 (H) x 529.416 (V)	1095.84(H) x 616.41(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)
	Brightness(Typ.)		350	350	350	350	350
Panel	Contrast Ratio (Typ.)		4000:1	4000:1	4000:1	4000:1	4000:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178	178/178
	Response Time (G to G)		8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)	8ms(Typ.)
	Display Colors		16.7M(True Display) 1.07B(Ditherd 10bit)	16.7M(True Display)	16.7M(True Display) 1.07B(Ditherd 10bit)	16.7M(True Display) 1.07B(Ditherd10bit)	16.7M(True Display) 1.07B(Ditherd10bit)
	ColorGamut			1.07B(Ditherd10bit)			
			92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE1976)	92% (DCI-P3, CIE1976)	92% (DCI-P3, CIE1976)
	Operation Hour		16/7	16/7	16/7	16/7	16/7
	Haze		2%	2%	2%	2%	2%
	Dynamic C/R		MEGA	MEGA	MEGA	MEGA	MEGA
Display	H-Scanning Frequency		30 ~ 81kHZ				
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ	48 ~ 75HZ	48~75HZ	48~75HZ
	Maximum Pixel Frequency		594MHz	594MHz	594MHz	594MHz	594MHz
Sound	SpeakerType)	Built in Speaker(10W + 10W)	Built in Speaker(10W+10W)			
Sound	Speakertype	RGB					
			DVI-D	DVI-D	DVI-D	DVI-D	DVI-D
		VIDEO	HDMI 2.0 (2)				
	INPUT	HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo Mini Jack, DVI/HDMI/				
		1100	Audio(Common)	Audio(Common)	Audio(Common)	Audio(Common)	Audio(Common)
		USB	USB 2.0 x 2				
C		RGB	N/A	N/A	N/A	N/A	N/A
Connectivity		VIDEO	N/A	N/A	N/A	N/A	N/A
	OUTPUT	AUDIO	Stereo Mini Jack				
		Power Out	N/A	N/A	N/A	N/A	N/A
		USB	N/A	N/A	N/A	N/A	N/A
	EXTERNAL CONTRO						
		-	RS232C(in/out) thru stereo jack, RJ45				
	EXTERNAL SENSOR		IR	IR	IR	IR	IR
	Tuner		N/A	N/A	N/A	N/A	N/A
	Туре		Internal	Internal	Internal	Internal	Internal
	Power Supply		AC100 - 240 V, 50/60 Hz				
		Max[W/h]	110	143	143	181.5	231
	Power Consumption	Typical[W/h]	67	86	108	128	150
Power		Rating[W/h]	100	130	130	165	210
		-					
		BTU(Max)	375.1	487.6	487.6	618.9	787.7
		Sleep mode	0.5	0.5	0.5	0.5	0.5
		Off mode	N/A	N/A	N/A	N/A	N/A
	Dimension (mm)	Set	967.5 x 557.7 x 48.3	1121.4 x 643.9 x 46.3	1235.1 x 707.9 x 46.3	1453.9 x 831.0 x 46.3	1681.1 x 960.1 x 49.7
	Dimension(mm)	Package	1095 x 676 x 151	1269 x 784 x 152	1402 x 858 x 163	1611 x 973 x 185	1871 x 1127 x 223
		Set	10	13.4	18.1	24.9	38.3
Mechanical	Weight (kg)	Package	13.3	17.6	23.6	33.3	49
Spec	VESA Mount	ruchuge	200 x 200	200 x 200	200 x 200	400 x 400	400 x 400
	Protection Glass		N/A	N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No	No
	Bezel Width (Top/Sid	le/Bot) (mm)	9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R),11.2mm(B)	11.5mm(U/L/R),12.5mm(B)
Operation	Operating Temperat	ure	0°C~ 40°C				
Operation	Humidity		10~80%	10~80%	10~80%	10~80%	10~80%
	Key		UHD Signage Display				
			Slim & Light Signage with				
			Built-in MagicInfo S6, SSSP 6.0				
			Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping),	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping),	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping),	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping),	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping),
		H/W	Built in Speaker(10W 2ch), IP5x Rating,				
	Special		Wi-Fi/BT	Wi-Fi/BT	Wi-Fi/BT	Wi-Fi/BT	Wi-Fi/BT
		CAN	Auto Source Switching & Recovery,				
		S/W	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
		Processor	Coretex A721.7GHz Quad-Core CPU	Cortex A721.7GHz Ouad-Core CPU	Coretex A721.7GHz Quad-Core CPU	Coretex A721.7GHz Quad-Core CPU	Coretex A721.7GHz Ouad-Core CPU
		On-Chip	L1 Instruction Cache : 48KB				
		Cache	L1 Data Cache : 32KB				
		Memory	L2 Cache : 2MB				
Feature		Clock Speed	1.7GHz	1.7GHz	1.7GHz	1.7GHz	1.7GHz
Feature		Main	2.5GB	2.5GB	2.5GB	2.5GB	2.5GB
		Memory	2.5GB LPDDR41.5GHz 64bit				
		Interface					
	Internal Player	Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale
	(Embedded H/W)		up from graphic processing result.)				
		Storage	8GB (3.88GB Occupied by O/S,				
		(FDM)	4.12GB Available)				
			*Video Decoder : MPEG-1/2/4, H.263,				
		Multimedia	H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9	H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9
			*Audio Decoder : AC3 (DD), MPEG				
		IO Ports	USB 2.0	USB 2.0	USB2.0	USB 2.0	USB 2.0
		Operating					
	System		Tizen 4.0 (VDLinux)				
	Safety		60950-1	60950-1	60950-1	60950-1	60950-1
	EMC		Class B				
Certification	Environment						
	environment		ENERGY STAR 8.0, Epeat				
	Security		802.1x(WPA2 Enterprise) ('20.1~) : EAP-TLS, EAP-TTLS, EAP-PEAP				
			Quick Setup Guide, Warranty Card,				
	Included		Power Cord, Remote Controller,				
	induce		Batteries	Batteries	Batteries	Batteries	Batteries
	Stand		STN-L4355F	STN-L4355F	STN-L4355F	No	No
Accessories	Mount						WMN4277SE (Land Only)
	Optional		WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4070SE (Land Only)	WMN4277SE (Land Only)	WMN6575SE
		Specialty	CML400XK	CML400XK	CML400XK	CML450K	CML450K
		Media Player	N/A	N/A	N/A	N/A	N/A
							5

Specifications

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Connectivity Connectivity Power	splay Colors Joor Gamut peration Hour aze ynamic C/R -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT	y y RGB VIDEO HDCP AUDIO USB RGB	16.7M(True Display) 1.07B(Ditherd 10bit) 1072(Ditherd 10bit) 16/7 2% MEGA 30 - 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDM12.0 (2) HDCP2.2	16.7M(True Display) 1.07B(Ditherd 10bit) 72% 24/7 25% MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Color Oper Haze Display Sound Spea Sound Spea Connectivity Connectivit	slor Gamut peration Hour aze ynamic C/R -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT	y RGB VIDEO HDCP AUDIO USB RGB	16.7M(True Display) 1.07B(Ditherd 10bit) 1072(Ditherd 10bit) 16/7 2% MEGA 30 - 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDM12.0 (2) HDCP2.2	16.7M(True Display) 1.07B(Ditherd 10bit) 72% 24/7 25% MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Color Oper Haze Display Sound Speat Sound Speat Connectivity Connectiv	slor Gamut peration Hour aze ynamic C/R -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT	y RGB VIDEO HDCP AUDIO USB RGB	92% (DCI-P3, CIE 1976) 16/7 2% MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDM12.0 (2) HDCP2.2	72% 24/7 25% MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI.2.0 (2)	
Connectivity Connectivity Power	peration Hour aze ynamic C/R -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT	y RGB VIDEO HDCP AUDIO USB RGB	16/7 2% MEGA 30 - 81KHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDM12.0 (2) HDCP2.2	24/7 25% MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Extrements of the second secon	aze ynamic C/R -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT	y RGB VIDEO HDCP AUDIO USB RGB	2% MEGA 30 - 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDM12.0 (2) HDCP2.2	25% MEGA 30~81kHZ 48~75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port 1.2 (1) HDMI 2.0 (2)	
Display Power Powe	ynamic C/R -Scanning Frequenc -Scanning Frequenc aximum Pixel Frequ peaker Type IPUT UTPUT	y RGB VIDEO HDCP AUDIO USB RGB	MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W +10W) DVI-D HDM12.0 (2) HDCP2.2	MEGA 30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port 1.2 (1) HDMI 2.0 (2)	
Display H-Sc V-Sc Maxi Sound Spea INPU Connectivity OUT EXTE EXTE Tune Power	-Scanning Frequenc -Scanning Frequenc aximum Pixel Frequ veaker Type IPUT UTPUT	y RGB VIDEO HDCP AUDIO USB RGB	30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D HDMI 2.0 (2) HDCP 2.2	30 ~ 81kHZ 48 ~ 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port 1.2 (1) HDMI 2.0 (2)	
Display V-Sc Maxi Sound Spea INPU Connectivity OUTI EXTE EXTE Tune Power	Scanning Frequenc aximum Pixel Frequ peaker Type IPUT UTPUT	y RGB VIDEO HDCP AUDIO USB RGB	48 ~ 75HZ 594MHz Built in Speaker(10W +10W) DVI-D HDMI 2.0 (2) HDCP 2.2	48 - 75HZ 594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Maxi Sound Spea INPU Connectivity Connectivity EXTE EXTE EXTE Tune Power Power	aximum Pixel Frequ xeaker Type IPUT UTPUT	RGB VIDEO HDCP AUDIO USB RGB	594MHz Built in Speaker(10W +10W) DVI-D HDMI 2.0 (2) HDCP 2.2	594MHz Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Sound Spea INPU Connectivity OUT EXTE EXTE Tune Type Power	seaker Type	RGB VIDEO HDCP AUDIO USB RGB	Built in Speaker(10W + 10W) DVI-D HDMI 2.0 (2) HDCP 2.2	Built in Speaker(10W + 10W) DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Connectivity OUTI EXTE EXTE Tune Type Power	IPUT	VIDEO HDCP AUDIO USB RGB	DVI-D HDMI2.0 (2) HDCP2.2	DVI-D, Display Port1.2 (1) HDMI 2.0 (2)	
Connectivity OUTH EXTE Tune Power	IPUT UTPUT	VIDEO HDCP AUDIO USB RGB	HDMI 2.0 (2) HDCP 2.2	HDMI 2.0 (2)	
Connectivity OUTH EXTE Tune Power	IPUT UTPUT	HDCP AUDIO USB RGB	HDCP2.2		
Connectivity OUTH EXTE Tune Power	UTPUT	AUDIO USB RGB		HDCP2.2	
OUT EXTE EXTE Tune Type Power	UTPUT	USB RGB		Stereo mini Jack, DVI, HDMI	
OUT EXTE EXTE Tune Type Power	UTPUT	RGB	USB 2.0 x 2	USB 2.0 x 2	
OUT EXTE EXTE Tune Type Power	UTPUT		N/A	HDMI 2.0 (Loop-out)	
OUT EXTE EXTE Tune Type Power	UTPUT		N/A	N/A	
EXTE EXTE Tune Type Power		AUDIO	Stereo Mini Jack	Stereo mini Jack	
EXTE Tune Type Power	(TERNAL CONTROL	Power Out	N/A	N/A	
EXTE Tune Type Power	(TERNAL CONTROL	USB	N/A	N/A	
Tune Type Power	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	
Power Type	(TERNAL SENSOR		IR	IR	
Power			N/A	N/A	
Power	Туре		Internal	Internal	
Power	PowerSupply		AC100 - 240 V, 50/60 Hz	AC100 - 240 V, 50/60 Hz	
	,	Max[W/h]	198	462	
		Typical[W/h]	143	360	
Pow		Rating[W/h]	180	420	
	owerConsumption	BTU(Max)	675.2	1576.4	
		Sleep mode	0.5	0.5	
		Off mode	N/A	N/A	
D:	, .	Set	1897.8 x 1080.8 x 56.7	2195.8 x 1250.8 x 96.5	
Dime	imension(mm)	Package	2090 x1247 x 260	2369 x 1405 x 350	
Weig	eight (kg)	Set	48.4	83	
Mechanical	eigint(kg)	Package	63.7	106	
Spec VESA	ESA Mount		600 x 400	800 x 400	
Prote	Protection Glass		N/A	N/A	
Stan	and Type		N/A	N/A	
	Bezel Width (Top/Side/Bot) (mm)		10.9mm(U/L/R),12.9mm(B)	17.9	
Operation	perating Temperatu	ire	0°C~ 40°C	0°C~ 40°C	
Hum	Humidity		10~80%	10~80%	
Key	Kev		UHD Signage Display Slim & Liqht Signage with	UHD Signage Display Slim & Light Signage with	
Ney	ncy		Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	
		H/W	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), IP5x Rating, Wi-Fi/BT	Temperature Sensor, Pivot Display, Clock Battery (168hrs Clock Keeping), Built in Speaker (10W 2ch), Video Wall Daisy Chain (HDCP2.2:4EA, HDCP1.4:7EA), Wi-Fi/BT	
Spec	pecial	S/W	Auto Source Switching & Recovery,	Auto Source Switching & Recovery,	
			LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	
		Processor	Cortex A721.7GHz Quad-Core CPU	Cortex A721.7GHz Quad-Core CPU	
		On-Chip Cache	L1 Instruction Cache : 48KB L1 Data Cache : 32KB	L1 Instruction Cache : 48KB L1 Data Cache : 32KB	
		Memory	L2 Cache : 2MB	L2 Cache : 2MB	
Feature		Clock Speed	1.7GHz	1.7GHz	
		Main Memory	2.5GB	2.5GB	
later	Internal Player (Embedded H/W)	Interface	LPDDR41.5GHz 64bit	LPDDR41.5GHz 64bit	
		Graphics	Graphic resolution : 1920x1080	Graphic resolution : 1920x1080	
			Output resolution : 3840x2160 (Scale up from graphic processing result.) 8GB	Output resolution : 3840x2160 (Scale up from graphic processing result.) 8GB	
		Storage (FDM)	(3.88GB Occupied by O/S, 4.12GB Available)	(3.88GB Occupied by O/S, 4.12GB Available)	
		Multimedia	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	
		IO Ports	USB 2.0	USB 2.0	
	Operating				
	System		Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	
	Safety		60950-1	60950-1	
Contribunations	EMC		Class A	Class A	
Certification Envir	Environment		N/A	N/A	
Secu	Security		802.1x(WPA2 Enterprise) ("20.1~) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise)	
			: EAP-ILS, EAP-ILS, EAP-PEAP Quick Setup Guide, Warranty Card,	: EAP-TLS, EAP-TTLS, EAP-PEAP Quick Setup Guide, Warranty Card,	
Inclu	Included		Power Cord, Remote Controller, Batteries	Power Cord, Remote Controller, Batteries	
According	Stand		N/A	N/A	
Accessories Optic		Mount	WMN8200SF / WMN8200SG	WMN8200SG	
optic	ptional	Specialty	N/A	N/A	
	ptional	Media Player	N/A	N/A	