



Collaboration makes your team stronger.

QBN-W Series UHD Interactive Display Solution

Business is better when all team members collaborate. The Samsung QBN-W Series is the ultimate collaboration tool. It combines the functionality and ease-of-use of an intuitive, interactive touch screen with a stunning UHD display that engages every meeting participant. It delivers incredible detail that's crisp, clear and easy to see from anywhere in the boardroom, conference room or training room. Embedded software lets users write and annotate content in real time, and up to four users can write simultaneously. The intuitive interface allows you to easily access and toggle between whiteboard, internet browser and connected input sources, with just a few touches. And with Samsung Knox™, all shared information stays safe and secure.



Key Features



Powerful Collaboration Out of the Box

With no need for a dedicated PC, the QBN-W is a complete solution. The MagicWB S5 interactive software allows users to write and to annotate content in real time.



Smooth, Comfortable Writing

Using the provided passive pen or your finger, the QBN-W delivers a smooth, natural-feeling writing experience in four colors and three line weights.



Convey Your Message with Greater Impact

UHD (3840 x 2160) resolution delivers superior engagement. Even the smallest details are crisp and clear, while the large screen size ensures easy visibility and collaboration with every participant in the room. It's ideal for replacing legacy projection systems.



Premium Multi-Touch Collaboration

Enhanced touch makes it easy to write and erase. Multi-touch technology lets up to four users write simultaneously.



Switch Sources Seamlessly

Quickly switch between multiple screens, such as the whiteboard, internet browser and connected input sources, just by touching the screen. No need for a remote.



Plug and Play Collaboration

With HDMI and USB ports on the front of the display, users can quickly and easily load, share and revise content directly from their personal devices. Rear connections include HDMI, DVI-D, DP and USB. Users can also connect personal devices wirelessly via screen mirroring.



Retrieve and Control Content Remotely

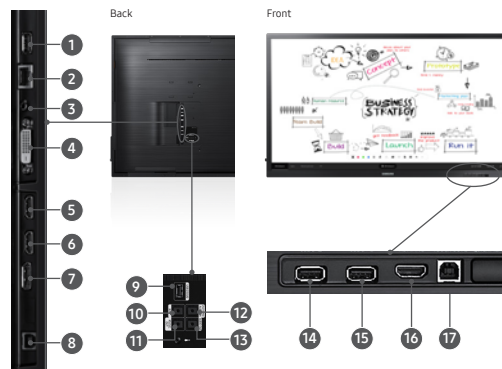
Pull content from remote laptops directly through the QBN-W display, and easily edit it. Samsung Knox™ secures the Remote Workspace connection.

Samsung QBN-W Series UHD Interactive Display Solution

			QB75N-W	
Panel	Diagonal Size		75"	
	Type		120Hz Direct LED	
	Resolution		3840 x 2160	
	Brightness (Typ.)		300 nits (w/o Touch Glass)	
	Contrast Ratio (Typ.)		Mega	
	Viewing Angle (H / V)		178:178	
	Response Time (G-to-G)		8ms	
	Operation Hours		16/7	
	Orientation		Landscape	
Sound	Speaker Type		Built in Speaker (10W x 2) (Down Firing w/Bass Reflex)	
Connectivity	Input	Video	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver1.4), DVI-D	
		USB	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)	
		Audio	Audio	
	Output	Touch Out	Touch Out 1 (Rear), Touch Out 2 (Front)	
		External Control	RS232C (In/Out) Through Stereo Jack, RJ45, Wi-Fi	
	External Sensor		IR Sensor (Display Control)	
	Tuner		No	
Wi-Fi		Yes		
Touch	Type		IR (Infrared)	
	Number of Simultaneous Drawing		4 drawing (SoC), 10 drawing (External Windows PC)	
	Touch Pen Type		Passive Pen	
	Object Recognition Range		8mm	
	Touch Response Time		7ms	
Power	Type		Internal	
	Power Supply		AC100 - 240 V (+/- 10 %), 50/60 Hz	
	Power Consumption	On Mode [W]	220 (Max), 157 (Typical), 200 (Rating)	
		Sleep Mode	0.5W	
Mechanical Specs.	Dimensions (mm / Inches)	Set (W x H x D)	1741.5 x 1012.1 x 81.2 / 68.6" x 39.8" x 3.4"	
		Package (W x H x D)	1905 x 1175 x 307 / 73.4" x 45.4"	
	Weight (kg / lbs)	Set	57.4 / 120.8 lbs	
		Package	69.5 / 150.8 lbs	
	Color		Black	
	VESA Mount		400 x 400 (mm)	
	Protection Glass		Yes	
	Stand Type		Wall Mount	
	Power Cable Length		3m	
	Accessory		Pen Holder	
Environmental Conditions	Operating Temperature (°C / °F)		0°C - 40°C / 32°F - 104°F	
	Operating Humidity		10 - 80%	
Features	Special	H/W	Super Clear Coating, Temperature Sensor, Clock Battery (168 hrs. Clock Keeping), Built-in Speaker (10W x 2), Wi-Fi Module Embedded	
		S/W	MagicWB S5	
		Platform	Kant-M (Tizen 3.0)	
	Internal Player (Embedded H/W)	Processor		Coretex A72 1.7GHz Quad-Core CPU
		On-Chip Cache Memory		L1 Instruction Cache: 48KB, L1 Data Cache: 32KB, L2 Cache: 2MB
		Clock Speed		1.7GHz Quad-Core CPU
		Main Memory Interface		3 GB (3-ch 64-bit LPDDR4 1.6 GHz)
		Graphics		2D and 3D Graphics Accelerator, Data Format: 32bpp, Output Resolution: 3840 x 2160p
		Storage		8 GB (3.88 GB Occupied by O/S, 4.12 GB Available)
		Multimedia		Video Decoder: MPEG 1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS/AVS+, MVC, VP8, VP9, HEVC, JPEG Audio DSP (Decoder): MPEG, AC3, AC4, DD, MP3
		IO Ports		USB 2.0
		Operating System		Tizen 3.0 (VDLinux)
		Accessories	Included	
Optional	Stand		Optional	
	Mount		WMN6575SE	
Specialty		MagicWB S5 UX		
Service	Standard Warranty		3 Years Onsite (Parts / Labor / Backlight)	

Connectivity

- | | |
|-----------------------|---------------------------|
| 1. USB 1 (1.0A) | 10. IR In |
| 2. RJ45 | 11. RS232C Out |
| 3. RS232C In | 12. DVI / HDMI / Audio In |
| 4. DVI / MagicInfo In | 13. Audio Out |
| 5. HDMI In 1 (ARC) | 14. PC USB In |
| 6. HDMI In 2 | 15. USB 3 In |
| 7. DP In | 16. HDMI In 3 |
| 8. Touch Out 1 | 17. Touch Out 2 |
| 9. USB 2 (0.5A) | |



ProCare

Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day¹ Service
 - Includes tech-assisted exchange of display: Technician removes original unit, installs replacement and ships non-working unit to Samsung
- Fast Track Next Business Day Exchange
 - Return shipping label provided, customer returns original unit in new unit's box
- Available on sizes 32"-85"
- 3-5 year terms available

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