

55"	QB55R-N	75"	QB75R-N
65"	QB65R-N	85"	QB85R-N



# Slim, symmetrical and secure.

## Slim 4K UHD Display without Embedded Wi-Fi or Bluetooth

Get maximum impact in every meeting with the Samsung QBR-N series UHD displays. With a sleek and symmetrical design, they're simple to install cleanly and beautifully into every business. Since they have no embedded Wi-Fi or Bluetooth modules, they're ideal for government, financial and educational institutions, or anywhere network security is a priority. 3840 x 2160 resolution means images and text will be exceptionally sharp and crisp, while UHD upscaling improves all your content for maximum impact 16/7. And Dynamic Crystal Color supports up to 1 billion colors for incredibly rich and lifelike color.



Contact Us: [samsung.com/display](http://samsung.com/display)

### Key Features



#### Slim and Symmetrical Design

The QBR-N Series' slim depth, narrow bezel and symmetrical design vastly simplify mounting and installation, and allow seamless integration into any environment.



#### No Embedded Wi-Fi or Bluetooth Module

The QBR-N series has no Wi-Fi or Bluetooth module embedded, making it an ideal solution where network security is a priority.



#### Bright, 4K Screen

Ultra HD coupled with 350-nit brightness delivers true 4K color and clarity.



#### Dynamic Crystal Color

Experience crystal-clear, lifelike color with up to a billion shades of color, 64 times more than conventional UHD displays. See every color in a rainbow or every shade in a spectacular sunset.



#### Intelligent UHD Upscaling

UHD upscaling is a unique four-step picture improvement process that enables the clarity and detail of standard and high-definition content to be enhanced to the best possible picture quality.



#### HDR Powered by HDR 10+

Experience superior brightness, greater detail in blacks, and authentic color with HDR powered by HDR 10+.



#### Powerful, All-in-One solution

System-on-Chip (SoC) technology allows easy content management and playback, without an external set-back box or PC.



#### Cisco WebEx Room Kit Compatible

The QBR-N series is fully compatible with Cisco WebEx® Room Kit products. Together, they provide the ultimate conferencing solution.



#### MagicINFO

Our leading-edge digital signage platform makes content management easier, more flexible and more robust.\*



#### 3-Year Commercial Warranty, 16/7 Operation

Samsung commercial displays are designed for reliable operation.

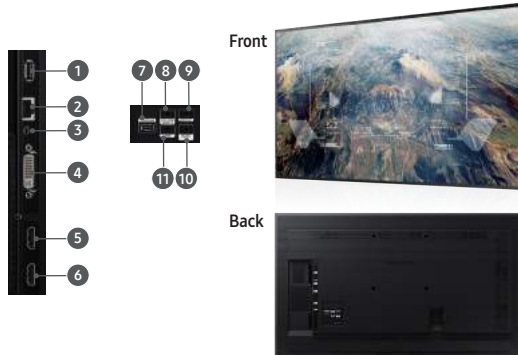
\*License sold separately.

# Samsung QBR-N Series UHD Commercial Displays

			QB55R-N (No Wi-Fi or Bluetooth Module)	QB65R-N (No Wi-Fi or Bluetooth Module)	QB75R-N (No Wi-Fi or Bluetooth Module)	QB85R-N (No Wi-Fi or Bluetooth Module)	
Panel	Diagonal Size	Class Measured	55" 54.6"	65" 64.5"	75" 74.5"	85" 84.5"	
	Type		Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	
	Resolution		UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	
	Brightness(Typ.)		350	350	350	350	
	Contrast Ratio (Typ.)		4000:1	4000:1	4000:1	4000:1	
	Viewing Angle(H/V)		178 / 178	178 / 178	178 / 178	178 / 178	
	Response Time (G to G)		8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	8ms (Typ.)	
	Display Colors		16.7M (True Display) 1.07B (Dithered 10 Bit)	16.7M (True Display) 1.07B (Dithered 10 Bit)	16.7M (True Display) 1.07B (Dithered 10 Bit)	16.7M (True Display) 1.07B (Dithered 10 Bit)	
	Color Gamut		92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE 1976)	
	Operation Hour		16/7	16/7	16/7	16/7	
Orientation		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait		
Sound	Speaker Type		Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	Built in Speaker (10W + 10W)	
Special Certifications	IP5X Rating		Yes	Yes	Yes	Yes	
	Non-Glare Panel		No	No	No	No	
	Cisco Webex Compatible		Yes	Yes	Yes	Yes	
Connectivity	Input	RGB	DVI-D	DVI-D	DVI-D	DVI-D	
		Video	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	
		Audio	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	Stereo Mini Jack, DVI / HDMI / Audio (Common)	
	Output	USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	
		Audio	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	
		External Control	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	RS232C (In / Out) thru Stereo Jack, RJ45	
External Sensor		IR	IR	IR	IR		
Wi-Fi/Bluetooth		No / No	No / No	No / No	No / No		
Tuner		No	No	No	No		
Power	Type		Internal	Internal	Internal	Internal	
	Power Supply		AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	AC 100 - 240 V- (+/- 10 %), 50/60 Hz	
	Power Consumption	Max / Typical [W/h]		143 / 108	181.5 / 128	231 / 150	198 / 143
		Rating [W/h]		130	165	210	180
		BTU (Max)		487.6	618.9	787.7	675.2
Sleep Mode		0.5	0.5	0.5	0.5		
Mechanical Spec	Dimension (mm / inch)	Set	1235.1 x 7079 x 46.3 / 48.63" x 27.87" x 1.82"	1453.9 x 8310 x 46.3 / 57.24" x 32.72" x 1.82"	1681.1 x 960.1 x 49.7 / 66.19" x 37.8" x 1.96"	1897.8 x 1080.8 x 56.7 / 74.72" x 42.55" x 2.23"	
		Package	1402 x 858 x 163 / 55.2" x 33.78" x 6.42"	1611 x 973 x 185 / 63.43" x 38.31" x 7.28"	1871 x 1127 x 223 / 73.66" x 44.37" x 8.78"	2090 x 1247 x 260 / 82.28" x 49.09" x 10.24"	
	Weight (kg / lb)	Set	18.1 kg / 39.9 lb	24.9 kg / 54.9 lb	38.3 kg / 84.44 lb	48.4 kg / 106.7 lb	
		Package	23.6 kg / 52.03 lb	33.3 kg / 73.41 lb	49 kg / 108.03 lb	63.7 kg / 140.43 lb	
VESA Mount		200 x 200	400 x 400	400 x 400	600 x 400		
Bezel Width (Top / Side / Bot) (mm)		9.2mm (U/L/R), 11.2mm (B)	9.2mm (U/L/R), 11.2mm (B)	11.5mm (U/L/R), 12.5mm (B)	10.9mm (U/L/R), 12.9mm (B)		
Operation	Operating Temperature / Humidity		0°C - 40°C / 10 - 80%	0°C - 40°C / 10 - 80%	0°C - 40°C / 10 - 80%	0°C - 40°C / 10 - 80%	
Features	Key		UHD Signage Display, Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0				
	Special	Hardware	Temperature Sensor, Pivot Display, Clock Battery (168 Hrs Clock Keeping), Built in Speaker (10W 2ch), IP5x Rating				
		Software	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot Key Option, Plug & Play (Initial Setting)				
	Internal Player (Embedded Hardware)	Processor	Coretex A72 1.7GHz Quad-Core CPU				
		On-Chip Cache	L1 Instruction Cache: 48KB / L1 Data Cache: 32KB / L2 Cache: 2MB				
		Memory	1.7GHz				
		Clock Speed	2.5GB, LPDDR4 1.5GHz 64 Bit				
		Main Memory Interface	Graphic resolution: 1920 x 1080 Output resolution: 3840 x 2160 (Scale up from graphic processing result.)				
		Graphics	8GB (3.88GB Occupied by O/S, 4.12GB Available)				
		Storage (FDM)	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				
Multimedia		USB 2.0					
IO Ports	Tizen 4.0 (VDLinux)						
Operating System	60950-1						
Certification	Safety		Class B	Class B	Class B	Class A	
EMC			ENERGY STAR 7.0 (USA)	ENERGY STAR 7.0 (USA)	ENERGY STAR 7.0 (USA)	N/A	
Environment							
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries				
	Optional	Stand	STN-L4355F	N/A	N/A	N/A	
		Mount	WMN4070SE	WMN4277SE, WMN6575SE	WMN4277SE, WMN6575SE	WMN8200SF, WMN8200SG	
Specialty		CML400XK	CLM450K	CLM450K	N/A		
Service	Warranty		3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	3 Years (Parts/Labor/Backlight)	

## Connectivity

1. USB 2.0 (1.0A)
2. RJ45
3. RS232C In
4. DVI / MagicInfo In
5. HDMI In 1 (ARC)
6. HDMI In 2
7. USB 2.0 (0.5A)
8. DVI / HDMI Audio In
9. Audio Out
10. RS232C Out
11. IR In



## ProCare

### Samsung ProCare Indoor Display Solutions

- Fast Track with White Glove Next Business Day<sup>1</sup> 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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