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 MagicIWB 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.

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### Quantum Dot 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
- **Video Input:** HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver 1.4), DVI-D
- **USB Input:** USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)
- **Audio Input:** Audio
- **Audio Output:** 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 Control:** IR Infrared
- **Number of Simultaneous Drawings:** 4 drawing (In/Out), 10 drawing (External Windows PC)
- **Touch Pen Type:** Passive Pen
- **Object Recognition Range:** 8mm
- **Touch Response Time:** 7ms

### Power
- **Type:** Internal
- **Power Supply:** AC 100 - 240 V (+/- 10 %), 50/60 Hz
- **Power Consumption:**
  - **On Mode:** 220 W (Max), 157 W (Typical), 200 W (Rating)
  - **Sleep Mode:** 0.5W

### Mechanical Specs.
- **Dimensions (mm / Inches):**
  - **Set:** 1741.5 x 1012.1 x 81.2 / 68.6" x 39.8" x 3.4"
  - **Package:** 1905 x 1175 x 307 / 73.4" x 18.4" 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:** 5m
- **Accessory:** Pen Holder

### Environmental Conditions
- **Operating Temperature:** 32˚F ~ 104˚F
- **Operating Humidity:** 10 ~ 80%

### Features
- **Special:**
  - H/W: Super Clear Coating, Temperature Sensor, Clock Battery (108 Hrs. Clock Keeping), Built-In Speaker (10W x 2), Wi-Fi Module Embedded
  - S/W: MagicIWB S5
- **Processor:**
  - Cortex A72 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 DDR3 1680 MB/s (Occupied by OS, 4.8 GB Available)
- **Multimedia:**
  - Video Decoder: MPEG 1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS/AVS+, MVC, VP9, HEVC, JPEG
  - Audio DSP (Decoder): MPEG, AC3, AC4, DD, MP3
- **IO Ports:**
  - USB 1 (1.0A)
  - RJ45
  - RS232C In
  - DVI / MagicInfo In
  - HDMI In 1 (ARC)
  - HDMI In 2
  - DP In
  - Touch Out 1
  - USB 2 (0.5A)
  - USB 3 In
  - HDMI In 3
  - Touch Out 2

### Service
- **Standard Warranty:** 3 Years Onsite (Parts / Labor / Backlight)

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### Connectivity Diagram

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### Learn More
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- insights.samsung.com
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### Product Support
- 1-866-SAM4BIZ

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For Next Business Day exchange and installation, calls must be received by 3 p.m. eastern time

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