### Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-C861H</th>
<th>PN-C751H</th>
<th>PN-CE701H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(W × D × H)</td>
<td>78 1/4</td>
<td>74 5/8</td>
<td>60 11/16</td>
</tr>
<tr>
<td>(approx.)</td>
<td>(1,988)</td>
<td>(1,897)</td>
<td>(1,541)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>176.4 lbs</td>
<td>134.5 lbs</td>
<td>119 lbs</td>
</tr>
</tbody>
</table>

| **Conditions**   |          |          |           |
| Operating Humidity| 20% to 80% RH (no condensation) |          |           |
| Operating Temperature| 5˚C to 35˚C |          |           |

| **Power Consumption** | 530 W | 460 W | 400 W |
| **Power Supply**      | 100 V – 240 V AC, 50/60 Hz |          |           |

| **Rear Interface** |          |          |           |
| USB port (2.0-compliant, OPS) × 2 |          |          |           |
| LAN port (10BASE-T/100BASE-TX) × 1 |          |          |           |

| **Front Interface** |          |          |           |
| USB port (2.0-compliant, main unit & OPS) × 1 |          |          |           |
| USB port (2.0-compliant, main unit) × 1 |          |          |           |
| SD card slot (SD/SDHC) × 1 |          |          |           |

| **Input Terminals** | Front | Rear | Front | Rear |
| Analog RGB (0.7 Vp-p) [75□] |          | 3.5 mm-diameter mini stereo jack × 1 |          | 3.5 mm-diameter mini stereo jack × 1 |
| HDMI (HDCP2.2 compatible, HDR10 supported) × 2 |          | HDMI (HDCP2.2 compatible, HDR10 supported) × 1 |          | HDMI (HDCP2.2 compatible, HDR10 supported) × 1 |

| **Synchronization** |          |          |          |
| Analog RGB |          |          |          |

| **Video** |          |          |          |
| NTSC (3.58 MHz)/NTSC (4.43 MHz)/PAL/PAL60 /SECAM |          |          |          |

| **Speaker Output** | 10 W + 10 W |          |          |

| **Touch Pen Function Button** |          |          |          |
| IR (infrared blocking detection method) |          |          |          |

| **Protection Glass** |          |          |          |
| Multitouch |          |          |          |

| **Backlight** |          |          |          |
| Constant level of brightness |          |          |          |

| **Response Time** | 8 ms (gray to gray, avg.) |          |          |

| **Max. Resolution** | 3,840 × 2,160 pixels |          |          |

| **Active Screen Area (W × H) (approx.)** | 86” Class (85 9/16” diagonal) LCD | 75” Class (74 1/2” diagonal) LCD | 70” Class (69 1/2” diagonal) LCD |

| **Pixel Pitch (H × V)** | 0.4935 × 0.4935 mm | 0.4296 × 0.4296 mm | 0.40075 × 0.40075 mm |

| **Contrast Ratio** | 1,200 : 1 | 4,000 : 1 |          |

| **Brightness** | Depends on input mode and other picture settings | Decrease slightly over the lifetime of the product |          |

| **Temperature Conditions** |          |          |          |
| Optional equipment |          |          |          |

| **Humidity Conditions** |          |          |          |
| Humidity requirements |          |          |          |

| **Power Supply for Touch Panel** |          |          |          |
| 8 GB |          |          |          |

| **Internal Storage** |          |          |          |
| 8 GB |          |          |          |

| **Main Accessories** |          |          |          |
| AC power cord, remote control unit |          |          |          |
| SHARP Pen software (CD-ROM), touch pen × 2, wireless adapter |          |          |          |

| **Weight (approx.)** | 176.4 lbs | 134.5 lbs | 119 lbs |
| **Dimensions (W × D × H) (approx.)** | 78 1/4 (1,988) | 74 5/8 (1,897) | 60 11/16 (1,541) |
| **Model Name** | PN-C861H PN-C751H PN-CE701H |          |          |

### AQUOS BOARD® Interactive Display Systems

**A Smart All-in-One Touchscreen to Enliven Your Office or Classroom**

![Interactive Display Systems]

©SHARP CORPORATION (JUN. 2019)
Looking for a smart, interactive display for your office or classroom? Meet the all-in-one Sharp PN-C861H, PN-C751H and PN-CE701H AQUOS BOARD interactive display systems that make all your visual communications more lively and productive. Available in three sizes—86” Class (85 9/16” diagonal), 75” Class (74 1/2” diagonal) and 70” Class (69 1/2” diagonal), respectively—this series opens up an affordable path to pristine 4K Ultra HD resolution. A pre-installed launcher makes it quick and easy to start up and use the interactive whiteboard. Your lecture, presentation, or lesson can now be more creative and involving.

**Stress-Free Operation**

**IWB Launcher**
Thanks to the built-in controller, it’s easy to operate this all-in-one interactive whiteboard. You don’t even need to hook up a dedicated PC. As long as the main unit’s power is on, you can run the launcher. Then, with a single tap you can access the function you need.

**Built-in Whiteboard**
Switch to the whiteboard function to use the LCD monitor as a temporary writing board—no PC required. Even for first-time users, this simple write-and-erase function is a breeze to operate.

**Display, Write, and Share Information**
Even without a PC, you can use overlay mode to write onscreen annotations directly onto photos, videos and documents. This function is especially handy when you need to share meeting notes with participants or others.

**Front Terminals**
These make it easy to access teaching materials or other content stored on sources connected via HDMI™ and USB.

**OPS-Compliant Slot**
A slot on the PN-C861H, PN-C751H and PN-CE701H interactive displays bring compatibility with OPS (Open Pluggable Specification) controller modules. This means you can set up the monitor to run without having to connect it to a client PC. Without the extra bulk of a client PC, you’ve got more freedom when it comes to installation set-ups.

**Simultaneous Writing**
The LCD panel recognizes up to 20* touch points. Up to four people at a time—even young students—can use a finger or touch pen to add their input when inspiration strikes. Meetings, lessons and brainstorming sessions will come alive.

**Flexible and Expandable**

**Front-mounted Speakers**
Two speakers are mounted low on the front of the LCD monitor. These speakers project sound more directly than rear-mounted speakers, giving you clearer sound for your lessons and meetings.

**Built-in Controller**
The PN-C861H, PN-C751H and PN-CE701H interactive displays feature an integrated controller that comes with 8 GB of internal memory. The PN-CE701H model also supports external storage via SD card. It’s easy to play back your photos and videos on one of these monitors. There’s no need for a PC to run the main application.
Get Your Message Across

Interactive Touchscreen
The PN-C861H, PN-C751H and PN-CE701H interactive displays deliver innovation to the world of business and education. They enhance your visual communications by transforming presentations and lessons. In the classroom, visual and web-based content will help to keep students more focused and engaged.

Wireless Connectivity
These LCD monitors have built-in wireless functionality. Simply touch the screen and your smartphone, tablet, or computers* will immediately download an app that lets it send images wirelessly to the monitor. No need for tangled wires or conversion adapters.

* Compatible with Windows® and Android™ operating systems.
Note: Requires wireless LAN access points to connect LCD monitor and devices.

4K Ultra HD Quality
The PN-C861H, PN-C751H and PN-CE701H interactive displays support 4K Ultra HD and capture the fine textures of still and video images, while also reproducing the precise details of small text and complex graphics. It’s an ideal large-scale monitor for professional use in a range of environments, from engineering and architecture to academia and creative fields.

User-Friendly SHARP Pen Software
The easy-to-launch SHARP Pen Software interface has a menu with smartly arranged icons. These give you easy access to pen settings and other useful functions. Further handy functions* include access to cloud storage, an e-mail address book, sticky notes and bookmarks.

* Availability varies by country/region. For details, please consult your local authorized Sharp dealer or representative.
Note: Requires a separate Windows PC.

Built-in Media Player
These LCD monitors can play 4K Ultra HD photo slideshows and videos without the need for a PC or set-top box.

16-Hour Daily Operation
The PN-C861H, PN-C751H and PN-CE701H interactive displays can be used continuously for up to 16 hours per day, providing reliable performance in the schoolroom or office.

Input/Output Terminals

<System Requirements>
Connected Equipment

<table>
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<tr>
<th>Hardware</th>
<th>PC/AT compatible machine with USB 2.0 port (CD-ROM drive required for installation)</th>
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<tr>
<td>OS</td>
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To use the touch panel, connect the bundled USB cable to the computer. The touch panel operates with the standard driver of each OS. In the Mac®, operation is only possible in single-touch mode.

- HDMI input
- LAN
- USB port
- Touch panel
- Audio output
- Digital audio output
- Component YPbPr input
- RS-232C input
- Component/Video input
- SD card
- PC D-sub input
- AV (Mini AV) input

- Digital audio output
- LAN
- HDMI input
- Audio input
- USB port
- OPS-PC
- Touch panel
- Audio input
- SD card
- PC D-sub output

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- Audio output
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- RS-232C input
- Component/Video input
- SD card
- PC D-sub input
- AV (Mini AV) input

- Digital audio output
- LAN
- HDMI input
- Audio input
- USB port
- OPS-PC
- Touch panel
- Audio input
- SD card
- PC D-sub output
**Model Name** | **PN-C661H** | **PN-C751H** | **PN-C701H**
---|---|---|---
**Installation** | Landscape | Landscape | Landscape
**LCD Panel** | 66” Class (69 9/16" diagonal) LCD | 75” Class (74 1/2" diagonal) LCD | 70” Class (69 1/2” diagonal) LCD
**Max. Display Colors (approx.)** | 1.07 billion colors | 1.07 billion colors | 1.07 billion colors
**Pixel Pitch (H × V)** | 0.4355 × 0.4935 mm | 0.4296 × 0.4296 mm | 0.40075 × 0.40075 mm
**Max. Brightness (average)** | 400 cd/m² | 400 cd/m² | 350 cd/m²
**Contrast Ratio** | 1,200:1 | 1,200:1 | 1,200:1
**Viewing Angle (H/V)** | 178° (CR ≥ 10) | 178° (CR ≥ 10) | 178° (CR ≥ 10)
**Active Screen Area (W × H) (approx.)** | 74” W × 41” H | 64” W × 36” H | 60” W × 34” H
**Response Time** | 8 ms (gray to gray, avg.) | 8 ms (gray to gray, avg.) | 8 ms (gray to gray, avg.)
**Backlight** | LED, direct lit | LED, direct lit | LED, direct lit
**Touchscreen** | Touch Technology | Touch Technology | Touch Technology
IR (infrared blocking detection method) | IR (infrared blocking detection method) | IR (infrared blocking detection method) | IR (infrared blocking detection method)
**PC Connection Port** | USB (2.0 compliant) (Type B) × 2 (Front + 1, Rear × 1) | USB (2.0 compliant) (Type B) × 2 (Front + 1, Rear × 1) | USB (2.0 compliant) (Type B) × 2 (Front + 1, Rear × 1)
**Power Supply for Touch Panel** | Supplied from main unit | Supplied from main unit | Supplied from main unit
**Multi Touch** | 20 points | 20 points | 20 points
**Protection Class** | Thickness: Approx. 4.0 mm | Thickness: Approx. 4.0 mm | Thickness: Approx. 4.0 mm
**Touch Pen** | Function Button | Function Button | Function Button
N/A (passive pen) | N/A (passive pen) | N/A (passive pen) | N/A (passive pen)
**Computer Input** | Video | Video | Video
Analog RGB (0.7-Vp-p) | Analog RGB (0.7-Vp-p) | Analog RGB (0.7-Vp-p) | Analog RGB (0.7-Vp-p)
**Synchronization** | Horizontal/vertical separation (TTL: positive/negative) | Horizontal/vertical separation (TTL: positive/negative) | Horizontal/vertical separation (TTL: positive/negative)
**Plug & Play** | VESA DDC2B | VESA DDC2B | VESA DDC2B
**Video Color System** | NTSC (4.43 MHz)/NTSC (4.43 MHz)/PAL/PAL60/SECAM | NTSC (4.43 MHz)/NTSC (4.43 MHz)/PAL/PAL60/SECAM | NTSC (4.43 MHz)/NTSC (4.43 MHz)/PAL/PAL60/SECAM
**Input Terminals** | **Front** | **Rear** | **Front** | **Rear**
HDMI (HDCP2.2 compatible, HDR10 supported) × 1 | HDMI (HDCP2.2 compatible, HDR10 supported) × 1 | HDMI (HDCP2.2 compatible, HDR10 supported) × 1 | HDMI (HDCP2.2 compatible, HDR10 supported) × 1
PC analog: Mini D-sub 15-pin × 1, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 1, AV mini jack × 1, Component mini jack × 1, RS-232C × 1 | PC analog: Mini D-sub 15-pin × 1, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 1, AV mini jack × 1, Component mini jack × 1, RS-232C × 1 | PC analog: Mini D-sub 15-pin × 1, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 1, AV mini jack × 1, Component mini jack × 1, RS-232C × 1 | PC analog: Mini D-sub 15-pin × 1, HDMI (HDCP2.2 compatible, HDR10 supported) × 2, 3.5 mm-diameter mini stereo jack × 1, AV mini jack × 1, Component mini jack × 1, RS-232C × 1
**Output Terminals** | 3.5 mm-diameter mini stereo jack × 1, SPDF × 1 | 3.5 mm-diameter mini stereo jack × 1, SPDF × 1 | 3.5 mm-diameter mini stereo jack × 1, SPDF × 1
**System** |  |  |  |
CPU | Arm Cortex A53 processor (quad core) | Arm Cortex A53 processor (quad core) | Arm Cortex A53 processor (quad core)
Memory | 1 GB | 1 GB | 1 GB
Internal Storage | 8 GB | 8 GB | 8 GB
**External Interface** |  |  |  |
Front | USB port (2-compliant, main unit & OPS) × 1 | LAN port (10BASE-T/100BASE-TX) × 1, USB port (2-compliant, main unit) × 2 | USB port (2-compliant, main unit) × 1, USB port (2-compliant, OPS) × 2
Rear | LAN port (10BASE-T/100BASE-TX) × 1, USB port (2-compliant, main unit) × 2 | WLAN port (802.11a/ac/n/a/g/b) | LAN port (10BASE-T/100BASE-TX) × 1, 10W card slot (SDHC/SDXC) × 1, USB port (2-compliant, main unit) × 3
**Wireless LAN** | Compliant with IEEE802.11a/n/g/b | Compliant with IEEE802.11a/n/g/b | Compliant with IEEE802.11a/n/g/b
**Expansion Slot** | 19 V, 4 A | 19 V, 4 A | 19 V, 4 A
**Speaker Output** | 10 W + 10 W | 10 W + 10 W | 10 W + 10 W
**Mounting** | 4 points, 700 × 400 mm pitch, M8 screw | 4 points, 600 × 400 mm pitch, M8 screw | 4 points, 600 × 400 mm pitch, M8 screw
**Power Supply** | 100 V ~ 240 V AC, 50/60 Hz | 100 V ~ 240 V AC, 50/60 Hz | 100 V ~ 240 V AC, 50/60 Hz
**Power Consumption** | 530 W | 530 W | 530 W
**Environmental Conditions** |  |  |  |
Operating Temperature | 5°C to 35°C | 5°C to 35°C | 5°C to 35°C
**Operating Humidity** | 20% to 80% RH (no condensation) | 20% to 80% RH (no condensation) | 20% to 80% RH (no condensation)
**Dimensions (W × D × H) (approx.)** | 78” W × 41” H × 3 3/4” D | 13” W × 11 1/2” H × 2 7/8” D | 11 3/4” W × 11 1/2” H × 2 7/8” D
**Weight (approx.)** | 176.4 lbs | 114 lbs | 114 lbs
**Main Accessories** | AC power cord, remote control unit, remote control unit battery (AAA size) × 2, set-up manual, blank sticker, cable clamp × 3, USB cable, pen tray, SHARP Pen software (CD-ROM), touch pen × 2, wireless adapter | AC power cord, remote control unit, remote control unit battery (AAA size) × 2, set-up manual, blank sticker, cable clamp × 3, USB cable, pen tray, SHARP Pen software (CD-ROM), touch pen × 2, wireless adapter | AC power cord, remote control unit, remote control unit battery (AAA size) × 2, set-up manual, blank sticker, cable clamp × 3, USB cable, pen tray, SHARP Pen software (CD-ROM), touch pen × 2, wireless adapter

**Dimensions (PN-C661H)**

**Dimensions (PN-C751H)**

**Dimensions (PN-C701H)**

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**Notes:**
1. Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness.
2. Excluding the touch sensor part around the LCD panel.
3. Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its center.
4. Use a commercially available connection cable for PC and other video connections.
5. Composite video and component cannot be used simultaneously.
6. The AC power cord is an inlet type. The cable is bundled (3 pins).
7. When an option is installed, temperature conditions specified by the optional equipment may change.
8. Intel Core is a trademark of Intel Corporation or its subsidiaries in the US and/or other countries.
9. Check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied.

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