A monitor that connects users to performance

To learn more about the Samsung Business Monitor or to find your nearest retailer, please visit: www.samsung.com
Enhanced productivity at the office, wherever that may be

Get the advanced features you need while you enjoy the benefits of a cost-effective business solution with the Samsung Business Monitor CA650. It's the perfect way to provide your employees with a display solution that increases their work efficiency, is compatible with multiple peripheral devices, and handles multiple tasks simultaneously. The monitor has the unique ability to connect with a compatible laptop to create a flexible workstation for a fully optimized work environment. Introduced earlier this year, it's the first monitor in its class to offer this feature and is ideal for users who prefer to work from their laptop but enjoy the increased viewing area. The CA650 also enables people who highly mobile, such as sales reps, consultants or online college students, to benefit from the monitor's connectivity features without sacrificing any of the performance. This mobile audience relies heavily on their ability to connect their mobile devices and other peripherals to their workstation. And the CA650’s ability to handle multiple tasks simultaneously will help to increase their output.

The CA650 offers a wide range of connectivity features that will enable you to access a greater amount of content. To start, it's the world's first monitor that's built with the latest Super-speed USB 3.0 technology.

USB 3.0
Take advantage of the speed of technology
In the advent of business, time is money. So waiting for files to transfer from one device to another takes away from valuable time you could be spending on other tasks. With USB 3.0, you can transfer data in just a matter of seconds, allowing you to get back to work faster.

USB Hub
Boost your computing power
The CA650 comes complete with a built-in USB hub that allows you to connect a variety of devices, such as printers, mice, keyboards, or even additional monitors, to the CA650, increasing your productivity and workflow.

Wireless Connection
Deliver greater convenience and mobility to your office
For businesses that rely heavily on mobile computing, the CA650 is the right display solution for you. The CA650 provides the ability to wirelessly connect the monitor to a laptop through a simple USB dongle. This allows employees to easily switch between devices, making it possible to continue working from any location.

Key Features

USB HUB
USB3.0 x 2 / USB2.0 x 2

Wide Viewing Angle
178°

Stand
150mm HAS

Solutions for Business

Mobile Worker
Make the world your office
Business today is fast paced, with opportunities transcending time zones and locations. The CA650 has the ability to support a mobile workforce with its advanced connectivity features that allow them to download the information they need and view it at the touch of a button.

Consulting Firm
Present your ideas in the best possible light
As a consultant, presenting a variety of analytics and complex statistics is critical to your business. By enabling consultants to connect their laptops to the CA650, they can connect to a powerful display that will help to bring life to their presentations.

Higher Education
Facilitate greater collaboration and knowledge sharing
In the world of education, the ability to share knowledge quickly and effectively is key to higher learning. The CA650 allows students and educators to connect their laptops to the monitor so they can connect presentations and share slides, while providing an efficient way to collaborate with each other.

CA650
Now employees can be more productive and don’t have to waste valuable time reconfiguring their settings.

Auto Configuration

Integrate with a solution that’s aligned with your cost reduction strategy

As every business knows, a good way to make money is to save money. The Samsung Business Monitor CA650 can help save operational costs under control through its cost-reducing features like the built-in Eco Sensors which are unique for business monitors. These monitors also deliver a customisable business solution at a reasonable price.

Picture Quality

Design a more engaging viewing environment

Having the ability to view content precisely on a monitor screen shouldn’t be a luxury. The Samsung Business Monitor CA650 is the perfect solution for businesses who demand the highest picture quality. This monitor produces images that are alive and vibrant so your work is always seen in the best possible light.

Convenience

Build and operate a more efficient business

Running an efficient business can be the difference between success and failure. The Samsung Business Monitor CA650 solutions have been built to offer you a cost-effective way to uncover operational efficiencies, resulting in a more productive workforce.

USB Charging

Eco Light Sensor

Create the optimal wide angle viewing environment

The CA650 has the unique ability to detect your presence with a simple movement of your eyes. As you move your eyes away from the monitor, the sensor automatically adjusts the resolution on your laptop monitor. USB 3.0 will charge your devices three times faster than a regular USB 2.0 connection, helping you to have a longer runtime when you need one.

Eco Motion Sensor

Expand your monitor’s multitasking capabilities

This feature is a strong benefit for businesses that work heavily around graphics or software. The CA650 possesses a contrast ratio that is three times higher. This provides users with clear and sharp image representation which is a strong benefit for businesses that work heavily around graphics or software.

Mega – DCR

Experience exceptional image reproduction

The CA650 has the ability to produce high quality images at higher contrast ratios with Samsung’s Mega DCR technology. The CA650 has Static Contrast Ratio 3000:1, which can display a large audience or when viewing other content such as a video. The CA650 has improved its vertical viewing angles by 18 degrees, allowing you to enjoy viewing from one or more coworkers or presenting your ideas to clients.

Static Contrast Ratio 3000:1

View accurate colors that are sharp and crisp

The CA650’s Static Contrast Ratio is 3000:1, meaning it can display a wide range of colors with more depth and saturation. This provides for a more immersive and realistic viewing experience, resulting in a more productive workforce.

HAS / Tilt / Swivel / Pivot

Enjoy the benefits of ergonomic design

In today’s competitive business world, it’s not uncommon to work long hours without breaks. The CA650 has an ergonomic design to help reduce eye strain and neck strain while working on your computer. It also allows you to move and adjust your monitor to find the viewing angle based on the content or even your viewing position.

Auto Motion Sensor

Increase convenience with a universally compatible wall mounting system

The monitor produces images that are alive and vibrant so your work is always seen in the best possible light. The monitor is designed with a detachable adaptor which also doubles as a convenient carrying handle when you need to safely move the monitor to another location. The detachable adaptor is currently under patent review.

VESA Wall Mount

Versatile connectivity with a universally compatible wall mounting system

The CA650’s HAS / Tilt / Swivel / Pivot / Pivot position allows you to use the monitor in a variety of ways, including landscape or portrait orientation. The monitor can be turned or tilted to maximize your workspace and ensure you are working comfortably.

Narrow Matte Bezel with Front Buttons

Practical design that understands how you work

Combining the monitor’s features with the design, the CA650’s slim bezel and front buttons offer a minimalistic and sleek design that enhances your workspace without any distractions. All buttons are designed for easy access and control the most frequently used features. The bezeless design is also perfect for those who prefer a clean and minimalistic look.
The intuitive display that's effortless to install

Wall Mount Installation

The stand shown in Figure 1 consists of a neck and a square piece that connects to the back of the monitor. The stand can be detached through the right and left screws on the lower side of the square piece. Remove the two screws on the lower side as shown in Figures 1 and 2, and the stand will detach from the monitor as shown in Figure 3.

After removing the stand, there will be a total of six VESA screw holes in the back of the monitor. 100x100 wall mount contains four holes and 100x200 wall mount contains six holes for screws to assemble the monitor.

After assembly, you can install the monitor to your preferred position.

Dongle/Dongle Holding Device Installation

1. After inserting the USB dongle (RX) into the base of the CA650, insert and tighten the screw to complete the installation of the Dongle Holding Device. The Dongle Holding Device does not need to be installed for the monitor to operate properly. However, it should be used to prevent theft in situations where there are multiple users or when the monitor is being used in public spaces.

<table>
<thead>
<tr>
<th>Dimension (mm)</th>
<th>C27A650X (27”)</th>
<th>C24A650X (24”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (H)</td>
<td>465.5</td>
<td>389.5</td>
</tr>
<tr>
<td>Width (W)</td>
<td>641.5</td>
<td>567.0</td>
</tr>
<tr>
<td>Depth (D)</td>
<td>224.5</td>
<td>224.5</td>
</tr>
</tbody>
</table>

CA650 Hub Monitor

Display

- Screen Size: 27" (2560x1440) / 21.5" (1920x1080)
- Brightness (Typical): 250 cd/m² / 200 cd/m²
- Contrast Ratio (Typical): 300 : 1 / 300 : 1
- Resolution: 1920 x 1080 / 1920 x 1080
- Response Time (Typical): 8ms / 8ms
- Viewing Angle (Horizontal / Vertical): R/L: 178/178 (Typ), U/D: 178/178 (Typ)
- Color Support: 16.7M / 16.7M

Signal Input

- Video Signal: D-sub, HDMI
- Sync. Signal: Separate, Composite, SOG

Power

- Power Consumption: TBD / TBD
- Stand By Power (DPMS): 1W / 1W

Feature

- Plug & Play: DDC 2B / DDC 2B
- USB Powered Hub: Option (1UP/4DN) (2 x USB2.0, 2 x USB3.0) / Option (1UP/4DN) (2 x USB2.0, 2 x USB3.0)
- Mac Compatibility: Yes / Yes
- Multi Speaker: No (Option) / No (Option)
- Wall-Mount: Yes (100 x 100, 100 x 200) / Yes (100 x 100, 100 x 200)
- Energy / Environment Mark: Yes / Yes

Cabinet Color

- Matt Black / Matt Black

Optional Accessory

- D-sub Cable, USB Cable

Special Feature

- Eco Saving, Multi Screen S/W, Samsung Magic Bright, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Case Handle, Cable Arrangement

* Design and specifications are subject to change without notice.