Presenting a premium experience for developers.

CHG70 Series Gaming and Video Monitors

For high-level game development, video creation or any professional who works with fast-moving content, the CHG70 Series is a superior solution. The curved VA Panel, QHD resolution, 600-nit ultra-brightness, Quantum Dot technology, HDR, 1.07B colors and factory calibration all contribute to stunning, detailed, lifelike images. Game play, video and general content movement are fast and smooth due to 1ms response rate, 144hz refresh rate and AMD FreeSync 2. Game Modes, Black Equalizer, Low Input Lag Mode, a gaming user interface and Arena Lighting all optimize the gaming and video experience, for more detailed and accurate content development.

Key Features

- **Ultra-Curved VA Panel, QHD Resolution, 600 Nits**
  With an 1800mm-radius, super-curved VA panel, the distance from screen to eye is more uniform, resulting in less eye fatigue. QHD resolution and 600 nits brightness deliver stunning picture quality.

- **Quantum Dot (Q-LED) Panel, sRGB and 1.07B Colors**
  Quantum Dot technology supports up to 125% sRGB color space and 1.07B colors, for brighter and crisper images, with more natural reds and greens. And every monitor is factory-calibrated for extreme accuracy.

- **High Dynamic Range (HDR) and 3,000:1 Contrast Ratio**
  HDR provides a higher level of contrast between light and dark images. Combined with a best-in-class 3000:1 contrast ratio, bright colors share the screen with deep shadows and silhouettes.

- **144hz Refresh Rate, 1ms Response Time, FreeSync 2**
  Advanced technologies work together to deliver a smooth and crisp presentation of fast-moving content, help eliminate blurring, ghosting and juddering, and reduce lag for gaming and video content.

- **Game Modes, Black Equalizer and Low Input Lag Mode**
  Black gamma, sharpness, contrast and color tune are customizable with 4 different Game Modes (FPS, RPG, RTS, AOS). Samsung Black Equalizer has 20 different dark level values, and Low Input Mode maximizes keyboard and mouse response times.

- **Gaming User Interface and Arena Lighting**
  Equipped with a modern gaming GUI with a 5-way joystick and 3 hot keys to save game settings. Audio-aligned Arena Lighting, located at the back of the monitor, adds to the thrill of gaming.

- **Dual Hinge Stand, Easy on the Eyes, VESA**
  The dual-hinge stand swivels, tilts, pivots and is height-adjustable. Eye strain is reduced with Flicker Free technology and Eye Saver mode. And VESA compatibility makes installation on a wall or mounting arm easy.

Contact Us: samsung.com/b2bmonitors
## Samsung CHG70 Series
### Desktop Monitors

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### Connectivity
1. HDMI 1
2. HDMI 2
3. DisplayPort In
4. Headphone
5. Mic In / Mic Out
6. USB 1 / USB 2
7. PC In

### Display
- Screen Size (cm / Inch / Class): 68.4 / 26.9" / 27
- Type: Curved
- Active Display Size (H x V): 596.736 (H) mm x 335.664 (V) mm
- Screen Curvature: 1800R
- Aspect Ratio: 16:9
- Panel Type: VA
- Peak Brightness: 600 nits
- Brightness (Typical / Min): 350 nits / 300 nits
- Contrast Ratio Static (Typical / Min): 1000:1 / 2400:1
- Dynamic Contrast Ratio: Mega
- Resolution: QHD 2560 x 1440
- Response Time: 1 (MPRT) ms
- Viewing Angle (H/V): 178° / 178°
- Color Gamut (NTSC 1976) (Typical / Min): 88% / 84%
- sRGB Coverage (Typical / Min): 125% / 120%
- Adobe RGB Coverage (Typical / Min): 92% / 88%
- Refresh Rate: 144Hz

### Features
- Eye Saver Mode: Yes
- Flicker Free: Yes
- Quantum Dot Color: Yes
- AMD FreeSync: Yes
- Black Equalizer: Yes
- USB Super Charging: Yes
- Easy Setting Box Software: Yes

### Interface
- DisplayPort (1.2a): 1
- HDMI (1.4): 2
- Headphone: 1
- USB Hub: 1

### Operating Conditions
- Temperature: 10 ~ 40°C
- Humidity: 10 ~ 80% (Non-Condensing)

### Design
- Color: Dark Blue Gray (Matt)
- Stand Type: Dual Hinge
- HAS (Height Adjustable Stand): 145.0 mm (5.0 mm)
- Pivot: -2.0° (±2.0°) ~ +92.0° (±2.0°)
- Wall Mount, VESA: 100 x 100

### Power
- Power Consumption (Max): 100 W
- Power Consumption (DPMS): < 0.5 W
- Power Supply: AC 100~240V
- Power Consumption (Off Mode / Standby): < 0.3 W
- Type: External Adaptor
- Internal Power: AC 100~240V

### Dimensions
- Weight: 13.9 lbs
- Set Weight without Stand: 10.1 lbs
- Package Weight: 21.2 lbs
- Set Dimensions with Stand (W x H x D): 24.6" x 21.5" x 11.4"
- Set Dimensions without Stand (W x H x D): 24.6" x 14.5" x 8.7"
- Package Dimension (W x H x D): 27.4" x 6.5" x 18.4"

### Accessories
- Power Cable Length: 1.5 m
- HDMI Cable: 1.5 m
- DP Cable: 1.5 m
- Warranty: 1 Year
- Quick Setup Guide: Yes

### Package Dimension (W x H x D): 27.4" x 6.5" x 18.4"