

# BX2031 • BX2231 • BX2331 • BX2431

20", 21.5", 23" and 24" LED Desktop Monitors



LED and low TCO. Together at last.



#### Breakthrough Picture Quality

Samsung's revolutionary LED backlight technology delivers an unprecedented 5,000,000:1 mega dynamic contrast ratio, ensuring that everything on screen will be crisp, colorful and totally immersive.



#### Budget Friendly

With Samsung's 31 Series, LED has never been so value conscious. Get ready for incredible image quality with energy savings of up to 40% for a low total cost of ownership.



#### Elegant, Modern Styling

Samsung 31 Series monitors feature rich, glossy black finishes accented by clear, crystal-like acrylic along the lower bezel.



#### Full HD Resolution and HDMI

Ready for some digital entertainment? Two HDMI ports on the BX2231, BX2331 and BX2431 let you connect a Blu-ray player and HD gaming device at the same time in full HD 1920 x 1080 resolution.



#### MagicAngle for Maximum Performance

MagicAngle ensures brilliant images from every angle. Whether viewed face on, from the side, from above or from below, there's a setting to ensure you see full brightness and color.



#### Eco-Friendly

Samsung 31 Series monitors feature LED backlights that contain no hazardous materials such as mercury, making them easier to recycle. You get peace of mind in knowing you're doing something good for the planet.

Can LED deliver a low total cost of ownership? It can with the value-minded Samsung 31 Series. Whether for home or the office, these desktop monitors combine modern styling with Samsung's revolutionary LED backlight technology for breakthrough image quality. They happen to be eco-friendly too. LED that's affordable as well as green. Now that's a series worth watching.

**Business. Innovated.**



For complete product information, visit [samsung.com/monitor](http://samsung.com/monitor)

# 31 Series Desktop Monitors



## KEY SPECIFICATIONS

For complete product specifications, visit [samsung.com/monitor](http://samsung.com/monitor)

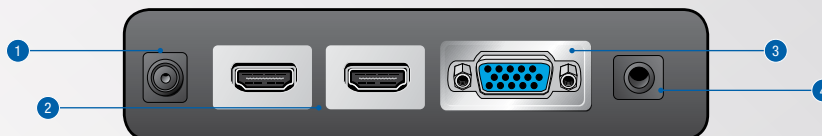
Product	Model Number	BX2031	BX2231	BX2331	BX2431
Display	Screen Size	20"	21.5"	23"	24"
	Brightness (Typical)	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
	Contrast Ratio (Dynamic/Typical)	5,000,000:1/1,000:1	5,000,000:1/1,000:1	5,000,000:1/1,000:1	5,000,000:1/1,000:1
	Resolution	1600 x 900	1920 x 1080	1920 x 1080	1920 x 1080
	Response Time (Typical)	5ms	2ms (GTG)	2ms (GTG)	2ms (GTG)
	Viewing Angle (Horizontal/Vertical)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Color Support	16.7 M	16.7 M	16.7 M	16.7 M
Signal Input	Video Signal	Analog RGB/DVI-D	Analog RGB/DVI/HDMI	Analog RGB/DVI/HDMI	Analog RGB/DVI/HDMI
	Sync. Signal	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
	Connector	VGA/DVI-D	VGA/HDMI x 2	VGA/HDMI x 2	VGA/HDMI x 2
Power	Power Consumption	22 Watts	18 Watts	26 Watts	27 Watts
	Stand By Power (DPMS)	Typical 0.3 Watts	Typical 0.3 Watts	Typical 0.3 Watts	Typical 0.3 Watts
	Type	External Adaptor	External Adaptor	External Adaptor	External Adaptor
Feature	Plug & Play	Supported	Supported	Supported	Supported
	Mac Compatibility	Supported	Supported	Supported	Supported
	Wall Mount (mm)	None	None	None	None
	Cabinet Color	High Glossy Black	High Glossy Black	High Glossy Black	High Glossy Black
Accessories	Included	VGA Cable	VGA Cable	VGA Cable	VGA Cable
Special Features	Special Features	MagicAngle, MagicEco, MagicReturn, Cinema Mode, MagicBright3, Off timer, Image Size Color Effect, Customized Key, MagicWizard & MagicTune with AssetManagement, Win 7, Safe Mode (DownScaling in UXGA)	MagicAngle, MagicEco, MagicReturn, Cinema Mode, MagicBright3, Off timer, Image Size Color Effect, Customized Key, MagicWizard & MagicTune with AssetManagement, Win 7, Safe Mode (DownScaling in UXGA)	MagicAngle, MagicEco, MagicReturn, Cinema Mode, MagicBright3, Off timer, Image Size Color Effect, Customized Key, MagicWizard & MagicTune with AssetManagement, Win 7, Safe Mode (DownScaling in UXGA)	MagicAngle, MagicEco, MagicReturn, Cinema Mode, MagicBright3, Off timer, Image Size Color Effect, Customized Key, MagicWizard & MagicTune with AssetManagement, Win 7, Safe Mode (DownScaling in UXGA)
Dimension	Product Dimension (With Stand, W x H x D)	18.8" x 14.4" x 7.0"	20.2" x 15.2" x 7.8"	21.5" x 15.9" x 7.8"	22.4" x 16.4" x 7.8"
	Product Dimension (Without Stand, W x H x D)	18.8" x 11.5" x 2.1"	20.2" x 12.2" x 2.1"	21.5" x 13.0" x 2.1"	22.4" x 13.5" x 2.1"
	Shipment Dimension (W x H x D)	21.5" x 16.2" x 4.5"	25.0" x 15.1" x 4.5"	26.4" x 15.9" x 4.5"	27.2" x 16.3" x 4.5"
Weight	Product Weight	6.4 lbs.	7.1 lbs.	7.5 lbs.	8.4 lbs.
	Shipment Weight	9.7 lbs.	10.4 lbs.	11.0 lbs.	11.9 lbs.
Stand	Type/Function	Simple/Tilt	Simple/Tilt	Simple/Tilt	Simple/Tilt
Warranty	Service Warranty	3 years standard parts and labor	3 years standard parts and labor	3 years standard parts and labor	3 years standard parts and labor

## GREEN MANAGEMENT

Emission Standard	EMC	EMC	EMC	EMC
RoHS Compliant	■	■	■	■
Energy Star Compliant	■	■	■	■
Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly
Packaging Recyclability	All packing materials are recyclable	All packing materials are recyclable	All packing materials are recyclable	All packing materials are recyclable

## CONNECTIVITY

1. DC
2. HDMI (x2)
3. VGA In (for PC monitor)
4. Digital Audio Out



(The above ports apply to the BX2231, BX2331, BX2431 only. BX2031 ports: DC, VGA, DVI-D)

For complete product information, visit [samsung.com/monitors](http://samsung.com/monitors)



Product Support: 1-800-SAMSUNG  
1-866-SAM-4BIZ

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