

# 28BQ780-B DualUp 16:18 Monitor with Ergo Stand



## FEATURES

### 27.6" 16:18 ULTRA-TALL IPS DISPLAY PROVIDES HIGH-RESOLUTION IMAGES (2560 X 2880) AND A DOUBLE-HEIGHT VIEWING SCREEN

An impressive 16:18 monitor that features LG's IPS screen technology and QHD (2560x2880) resolution delivers crisp images and a large, long viewing surface aimed at upgrading your productivity.

### LG'S IPS DISPLAY WITH DCI-P3 98% (TYP.) DELIVERS OUTSTANDING COLOR REPRODUCTION OVER A WIDE VIEWING ANGLE

Thanks to LG's advanced IPS screen technology, images remain crisp and sharp over a wide 178° viewing angle. Colors are faithfully reproduced, thanks to the ability to cover 98% (typ) of the DCI-P3 color spectrum.

### HDR10 CAPABILITY PROVIDES OUTSTANDING IMAGES WHEN VIEWING HDR10 CONTENT

HDR10 can deliver a dramatic visual experience with enhanced contrast and detail for a more immersive viewing experience.

### MAXXAUDIO®

7W Stereo Speakers with MaxxAudio® sound compliment the display to deliver a more immersive experience.

### CONVENIENT USB TYPE-C™ CONNECTIVITY

USB Type-C™ ports can simultaneously allow 4K display, data transfer, and connected device charging (96W) through a single cable.

### ERGO+ THE STAND THAT MOVES WITH YOU.

The Ergo stand's advanced design promotes good posture through its high degree of adjustability (Extend/Retract/Swivel/Height/Pivot/Tilt), to enable each user to create a customized workstation and takes up very little space and provides a clutter-free desk setup that can give you more usable workspace.

## KEY SPECS

27.6" 16:18 IPS Display (2560 x 2880)

DCI-P3 98% (typ) and HDR 10

MaxxAudio® (7Wx2)

USB Type-C™ (PD 96W)

Ergo+ Stand (Extend / Retract / Swivel / Height / Pivot / Tilt)

MODEL		28BQ780-B
DISPLAY	Diagonal	27.6"
	Resolution	2560 x 2880
	Panel Type	IPS
	Backlight Technology	LED
	Backlight Type	Edge
	Backlight Array	H1B
	Backlight Dimming Technology	Global Dimming
	Aspect Ratio	16:9
	Pixel Pitch	0.18195 x 0.18195mm
	Brightness (Typ.)	300 nits
	Color Gamut (Typ.)	DCI-P3 98% (CIE1976)
	Color Depth (Number of Colors)	1.07B
	Color Bit	10bit (8bit+FRC)
	Contrast Ratio (Typ.)	1000:1
	Contrast Ratio with DFC	Mega
Response Time	5ms (GtG)	
Viewing Angle (CR≥10)	178°(R/L), 178°(U/D)	
Surface Treatment	Anti-Glare	
FEATURES	HDR 10	YES
	HDR Effect	YES
	Nano IPS™ Technology	YES
	Wide Color Gamut	YES
	Color Calibrated	YES
	Auto Brightness	YES
	Flicker safe	YES
	Picture Mode	(Non HDR Contents) --> Custom, Vivid, HDR Effect, Reader, Cinema, FPS, RTS, Color Weakness
	Reader Mode	YES
	Super Resolution+	YES
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	User Define Key	YES
	Auto Input Switch	YES
	PBP	YES (2PBP)
Others Features	Low Blue Light, Built-in KVM	
SW APPLICATION	Dual Controller	YES
	OnScreen Control / Switch	YES
INTERFACES	HDMI	YES (2ea)
	HDMI Version	2.0
	HDMI (HDCP Version)	2.2
	HDMI (V Frequency)	60Hz
	HDMI (Max. Resolution at Hz)	2560 x 2880 @ 60Hz
	DisplayPort	YES (1ea)
	DP Version	1.4
	DP (HDCP Version)	2.2
	DP (V Frequency)	60Hz
	DP (Max. Resolution at Hz)	2560 x 2880 @ 60Hz
	USB-C	YES (1ea)
	USB-C (DP Version)	1.4
	USB-C (HDCP Version)	2.2
	USB-C (V Frequency)	60Hz
	USB-C (Max. Resolution at Hz)	2560 x 2880 @ 60Hz
USB-C (DP Alternate Mode)	YES	
USB-C (Data Transmission)	YES	
USB-C (Power Delivery)	96W	

MODEL		28BQ780-B
INTERFACES	USB Upstream Port	YES (1ea/ver2.0)
	USB Downstream Port	YES (2ea/ver3.0)
	Headphone out	YES
SOUND	Speaker	7W
	Speaker_Output (unit)	2ch
	Speaker_Channel	Down Firing
	Maxx Audio	YES
MECHANICAL & POWER	Type	External Power(Adapter)
	AC Input	100-240V, 50/60Hz
	DC Output	19.5V 10.8A
	Power Consumption (Sleep Mode)	Less than 0.5W
	Power Consumption (DC Off)	Less than 0.3W
	Borderless Design	3-Side Virtually Borderless Design
	Color (Front Cabinet)	Charcoal gray Texture
	Color (Middle Cabinet)	Charcoal gray Texture
	Color (Back Cover)	Charcoal gray Texture
	Color (Stand Body)	Black Texture
	Color (Stand Base)	Black Texture
	Display Position Adjustments	Tilt/Height/Swivel/Pivot/Extend/Retract
	Tilt	-25° to 25°
	Swivel	-335° to 335°
	Height Range	130 mm
Down Height	35 mm	
Pivot	Counterclockwise	
Extend/Retract	210 mm	
Wall Mountable	100 x 100 mm	
Base Detachable	YES	
Assembly Step	Two-Step	
OneClick Stand	YES	
Dimensions with Stand (W x H x D)	19.0 x 33.2 x 18.2 in / 481.5 x 843.2 x 461.3 mm	
Dimensions without Stand (W x H x D)	19.0 x 18.1 x 1.8 in / 481.5 x 549.5 x 44.9 mm	
Shipping Dimensions (W x H x D)	29.3 x 21.9 x 9.5 in / 745 x 557 x 241 mm	
Weight with Stand	19.8 lbs / 9.0 kg	
Weight without Stand	9.6 lbs / 4.35 kg	
Shipping Weight	28.4 lbs / 12.9 kg	
WARRANTY & OTHER	Warranty	3 Year Limited
	TUV-TYPE	YES
	EPA 8.0	YES
	UL (cUL)	YES
	FCC-B	YES
	ErP	YES
ACCESSORIES	ROHS, REACH	YES
	Adapter	YES
	Adapter (Color)	Black
	Power Cord	YES
	Power Cord (Color/Length)	Black / 1.5m
	HDMI	YES
	HDMI (Color/Length)	Black / 2m
	Display Port Cable	YES
	Display Port Cable (Color/Length)	Black / 2.0m
	USB-C	YES
	USB-C (Color/Length)	Black / 1.8m
	Calibration Report (Paper)	YES
Others	DC Extension cable 1.4m Black w/ Holder, USB2.0 Upstream Cable 1.8m Black, Ergo+ stand, Body cable cover, Body top cover, Wrench	