

32BP55U-B and 27BP55U-B Ultra HD Monitors

▶ 32BP55U-B

32" Class (31.5" Diagonal)

▶ 27BP55U-B

27" Class (27" Diagonal)



Images on screen are simulated

FEATURES

A DISPLAY OPTIMIZED FOR DIAGNOSTIC REVIEW

Stunning image quality is essential for the creator with a variety of visual tasks. 4K Ultra HD resolution reproduces details and colors at four times the resolution of Full HD, expressing a variety of textures to satisfy the needs of even professional content creators.

CINEMATIC GAMING & VIDEO CONTENT

Experience full immersion with a high-performance monitor that supports the latest generation of game consoles and HDR games. AMD FreeSync™ technology virtually eliminates screen tearing and stuttering, allowing for fast-paced gaming. Stereo speakers with MaxxAudio® on the 32" model support realistic sound effects and powerful sound for the complete immersive gaming experience.

DRAMATIC, IMMERSIVE CONTENT

Explore HDR contents from various streaming services. With many OTT (Over The Top) services including Netflix and Amazon producing and streaming HDR contents, monitors must support HDR and wide color gamut. The 32BP55U-B features DCI-P3 90% color gamut (Typ.), and the 27BP55U-B features sRGB 95% color gamut (Typ.). Both sizes offer HDR10 for vivid content viewing.

SPECIFICATIONS

31.5" UHD 4K (3840x2160) VA Display (32BP55U-B)

27" UHD 4K (3840x2160) IPS Display (27BP55U-B)

HDR 10, DCI-P3 90% (32BP55U-B)

HDR 10, sRGB 98% (27BP55U-B)

Brightness (Typ.): 350 nits (32BP55U-B)

Brightness (Typ.): 300 nits (27BP55U-B)

Color Calibrated

DisplayPort x1, HDMI x2, H/P out

Stereo Speakers with MaxxAudio®

AMD FreeSync™, Game Mode, Black Stabilizer

Dynamic Action Sync

Adjustable Stand: Pivot, Tilt (-5° to 20°), Height (110mm)

Wall Mount (100x100)

One Click Stand

32BP55U-B and 27BP55U-B

Ultra HD Monitors

DISPLAY	SPEC ITEMS	32BP55U-B	27BP55U-B
	Diagonal	31.5"	27"
	Resolution	3840 x 2160	3840 x 2160
	Panel Type	IPS	IPS
	Aspect Ratio	16:9	16:9
	Pixel Pitch	0.18 x 0.18 mm	0.15 x 0.15 mm
	Brightness (Min.)	280 nits	240 nits
	Brightness (Typ.)	350 nits	300 nits
	Peak Brightness (Min.)	290 nits	N/A
	Peak Brightness (Typ.)	360 nits	N/A
	Color Gamut (Min.)	DCI-P3 80% (CIE1976)	sRGB 95% (CIE1931)
	Color Gamut (Typ.)	DCI-P3 90% (CIE1976)	sRGB 98% (CIE1931)
	Color Depth (Number of Colors)	1.07B	1.07B
	Color Bit	10 bit (8bit+FRC)	10 bit (8bit+FRC)
	Contrast Ratio (Min.)	1800:1	700:1
	Contrast Ratio (Typ.)	3000:1	1000:1
	Response Time (GtG)	4 ms	5 ms
	Viewing Angle (CR ≥10)	178° (R/L), 178° (U/D)	178° (R/L), 178° (U/D)
	Surface Treatment	Anti-Glare	Anti-Glare
FEATURES	HDR 10	YES	YES
	HDR Effect	YES	YES
	Flicker-safe	YES	YES
	Picture Mode	(Non HDR Contents) --> Custom, Vivid, HDR Effect, Reader, Cinema, FPS, RTS, Color Weakness (HDR Contents) --> Custom, Vivid, Cinema, FPS, RTS	(Non HDR Contents) --> Custom, Vivid, HDR Effect, Reader, Cinema, FPS, RTS, Color Weakness, EBU, REC709, SMPTE-C (HDR Contents) --> Custom, Vivid, Standard, Cinema, FPS, RTS
	Reader Mode	YES	YES
	Color Weakness	YES	YES
	Super Resolution+	YES	YES
	AMD FreeSync™	YES	YES
	Black Stabilizer	YES	YES
	Dynamic Action Sync	YES	YES
	Smart Energy Saving	YES	YES
	OSD Language	18 countries English, Germanic, French, Spanish, Italian, Swedish, Finnish, Portuguese, Polish, Russian, Greek, Chinese, Japanese, Korean, Ukrainian, Portuguese(brazil), Traditional Chinese, Hindi	
	Dual Controller	YES	YES
	OnScreen Control / Switch	YES	YES

CONNECTIVITY	SPEC ITEMS	32BP55U-B	27BP55U-B
	USB-C (Power Delivery)	96W	96W
	Headphone out	YES	YES
SOUND	Stereo Speakers	YES	NO
	Maxx Audio	YES	NO
ELECTRICAL	Type	External Power(Adapter)	External Power(Adapter)
	AC Input	100-240V (50/60Hz)	100-240Vac, 50/60Hz
	Power Consumption (Sleep Mode)	Less than 0.5W	Less than 0.5W
	Power Consumption (DC Off)	Less than 0.3W	Less than 0.3W
MECHANICAL	Color (Front Cabinet)	Black Texture	Black Texture
	Color (Back Cover)	White Texture	White Texture
	Color (Stand Body)	Silver Texture	Pearl (Silver)
	Color (Stand Base)	Silver Texture	Pearl (Silver)
	Display Position Adjustments	Tilt/Height/Pivot	Tilt/Height/Pivot
	Tilt	-5° to 20°	-5° to 20°
	Height Range	110 mm	110 mm
	Pivot	Clockwise	Clockwise
	Wall Mountable	100 x 100 mm	100 x 100 mm
	Base Detachable	YES	YES
	OneClick Stand	YES	YES
	vDimensions with Stand (W x H x D) (in.)	28.1 x 23.4 x 9.4 (Up) 28.1 x 19.1 x 9.4 (Down)	24.5 x 22.6 x 9.4 (Up) 24.5 x 18.3 x 9.4 (Down)
	Dimensions with Stand (W x H x D) (mm)	714.3 x 595.6 x 239.3 (Up) 714.3 x 485.6 x 239.3 (Down)	622.6 x 574.1 x 239.3 (Up) 622.6 x 464.1 x 239.3 (Down)
	Dimension without Stand (W x H x D) (in.)	28.1 x 16.5 x 1.8	24.5 x 14.6 x 1.8
	Dimension without Stand (W x H x D) (mm)	714.3 x 420.0 x 45.7	622.6 x 371 x 45.8
	Shipping Dimensions (W x H x D) (in.)	32.3 x 20.0 x 8.9	27.6 x 20.2 x 7.4
Shipping Dimensions (W x H x D) (mm)	821 x 507 x 226	700 x 188 x 514	
STANDARDS & CERTIFICATIONS	EPA 8.0	YES	YES
	TUV-TYPE	YES	YES
	UL (cUL)	YES	YES
	FCC-B	YES	YES
	EPEAT (USA)	YES	YES
	ErP	YES	YES
	UPC Code	1 951 74 04805 4	1 951 74 04336 3
	Adapter (Color)	White	White
	Power Cord (Color/Length)	White / 1.5m	White / 1.5m
	HDMI Cable (Color/Length)	White / 1.5m	White / 1.5m
ACCESSORIES & OTHER	DisplayPort Cable (Color/Length)	White / 1.5m	White / 1.5m
	USB Type C Cable (Color/Length)	White / 1.5m	White / 1.5m
	Assembled In	Korea	China
	Warranty	3 Year Warranty	3 Year Warranty

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