ComX Computers
Product Specification Sheet

LC34J791WTUXEN

Samsung C34J791WTU 34" Wide Screen Thunderbolt 3 Curved Monitor

Product Overview

Samsung C34J791WTU 34" ultrawide quad HD qled curved 3440x1440 LED backlit Monitor, Thunderbolt, 21:9 Aspect Ratio, 1500r screen curvature, VA panel Type, 300 nits brightness (Typical), 3000:1 contrast ratio static, 4ms response time, 178 degree viewing angle, 100 Hz Refresh Rate, 92% Adobe RGB coverage, 125% sRGB coverage, DisplayPort, HDMI, Headphone, 2x USB ports, 2x Thunderbolt 3, Stereo Speaker, Tilt, Vesa Wall mount



Specifications

Features:

World's First Thunderbolt 3 Curved Monitor
The CJ79 features two Thunderbolt 3 ports to connect compatible Macs and PCs. Thunderbolt 3 transmits video and data at speeds of up to 40Gbps - 8 times faster than USB 3.0 - and simultaneously charges devices (up to 85W), all over a single cable.

Curved for Comfort
The curved screen is engineered to follow the natural curve of your eyes for a more immersive and comfortable viewing experience. Studies by Harvard Medical School and Seoul National University Hospital found the screen reduced eyestrain in users compared to flat screens and less curved monitors.

34" Ultra-Wide Screen
The 34" ultra-wide curved display with its 21:9 aspect ratio provides all the workspace you need to multi-task efficiently and in comfort. Forget about inconvenient dual monitor set ups and experience truly seamless multitasking on a single screen.

Multiple Inputs
Two Thunderbolt 3 ports as well as, DP, HDMI and USB inputs, the CJ79 provide multiple connection options for PCs, consoles and external devices. And the built-in 7-watt stereo speakers offer an enhanced entertainment experience when viewing videos and playing games.

PBP and PIP
Picture-by-Picture (PBP) lets you display to two sources onscreen at their native resolution. And for optimal multi-tasking, with Picture-in-Picture (PIP) you can resize the second source to up to 25% of the screen and position it anywhere.

Quantum Dot Colour

Supporting up to 125% sRGB colour space, Quantum Dot technology delivers not only more hues than conventional monitors but also colours that are brighter, crisper and more natural - especially reds and greens. And every monitor is factory calibrated to ensure the most accurate and life-like images.

3000:1 Contrast Ratio
Samsung's VA panel technology provides a 3000:1 contrast ratio that delivers deeper blacks, brilliant whites, and richer colours for clearer, more vibrant movie and game scenes.

AMD FreeSync
AMD FreeSync synchronizes the refresh rates of your graphics card and the CJ79 to minimise image tearing and stutter. The smoother transition between image frames provides seamless gameplay and video playback for uninterrupted viewing.

7W Stereo Speakers
The built-in 7W stereo speakers provide a powerful soundstage for you to enjoy all your music, movies and games in rich, clear sound while also saving space on your desk.

Smoother Gameplay
The fast 100 Hz screen refresh rate provides smoother, silkier mouse sensitivity for enhanced productivity in any application. It also reduces screen stutter in fast-moving action scenes for a flawless gaming experience.

Stylish Design
With its curved screen bezeless on three sides for enhanced viewing and its rear panel - finished in glossy white and curving horizontally and vertically - neatly concealing cables, the CJ79's slim and striking profile is the perfect complement to any Thunderbolt 3 Mac or PC.

Specifications:

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Specifications	
Product Code	LC34J791WTUXEN
Display	
Screen Size (Inch)	34
Screen Size (cm)	86.4
Screen Size (Class)	34
Flat / Curved	Curved
Active Display Size (HxV) (mm)	797.22mm x 333.72mm
Screen Curvature	1500R
Aspect Ratio	21::9
Panel Type	VA
Brightness (Typical)	300cd/m2
Peak Brightness (Typical)	N/A
Brightness (Min)	250cd/m2
Contrast Ratio Static	3000:1(Typ), 2400:1(Min)

Dynamic Contrast Ratio	Mega
HDR(High Dynamic Range)	N/A
Resolution	3,440 x 1,440
Response Time	4(GTG)
Viewing Angle (Horizontal/Vertical)	178/178
Colour Support	16.7M
Colour Gamut (NTSC 1976)	0.88
Color Gamut (DCI Coverage)	0.92
sRGB Coverage	125%(Typ.), 120%(Min)
Adobe RGB Coverage	0.92
Refresh Rate	100Hz
General Feature	
Samsung MagicAngle	N/A
Samsung MagicBright	Yes
Samsung MagicUpscale	Yes
Samsung MagicRotation Auto	N/A
Eco Saving Plus	Yes
Eco Motion Sensor	N/A
Eco Light Sensor	N/A
0.00 W Off mode	N/A
Eye Saver Mode	Yes
Flicker Free	Yes
Picture-In-Picture	Yes
Picture-By-Picture	Yes
Active Crystal Color	N/A
Quantum Dot Color	Yes
Game Mode	Yes
Image Size	Yes
USB Super Charging	N/A
Daisy Chain	Yes (Thunderbolt)
Easy Setting Box	Yes
Windows Certification	Windows10.0
FreeSync	Yes
FreeSync 2	N/A
Smart Eco Saving	N/A
Off Timer Plus	N/A
Smartphone Wireless Charging	N/A

Game Color Mode	N/A
Screen Size Optimizer	N/A
Black Equalizer	N/A
Low Input Lag Mode	N/A
Refresh Rate Optimizor	N/A
Custom Key	N/A
Super Arena Gaming UX	N/A
Sound Interactive LED Lighting	N/A
Interface	
Wireless Display	No
D-Sub	No
DVI	No
Dual Link DVI	No
Display Port	1 EA
Display Port Version	1.2
Display Port Out	No
Display Port Out Version	N/A
Mini-Display Port	No
HDMI	1 EA
HDMI Version	2
Audio In	No
Headphone	Yes
USB Ports	2
USB Hub Version	3
USB-C	No
Audio	
Speaker	Stereo
USB Sound Bar (Ready)	No
Operation Conditions	
Temperature	10~40 degreesC
Humidity	10~80, non-condensing
Calibration	
Factory Tunning	Yes
Built in Calibration Engine	N/A
LUT(Look-up Table) Bit Depth	N/A
Gray Balance	N/A
Uniformity Correction	N/A

Colour Mode	N/A
CMS(Colour Management Software)	N/A
Factory Calibration Report	N/A
Design	
Colour	Gray
Stand Type	HAS
HAS(Height Adjustable Stand)	100.0 +/- 5.0 mm
Tilt	HAS TOP : -14 degrees(+/-4 degrees) ~ 22 degrees(+/-4 degrees), HAS DOWN : -2 degrees(+/-4 degrees) ~ 34 degrees(+/-4 degrees)
Swivel	N/A
Pivot	N/A
Wall Mount	100 x 100
Eco	
Energy Efficiency Class	C
Recycled Plastic	N/A
Power	
Power Supply	AC 100~240V
Power Consumption (Max)	180 W
Power Consumption (Typ)	65.0 W
Power Consumption (DPMS)	Less than 0.5(HDMI/DP Input Condition)
Power Consumption (Off Mode)	Less than 0.3 W
Power Consumption (Yearly)	95 kWh/year
Type	External Adaptor
Dimension	
Set Dimension with Stand (WxHxD)	808.7 x 516.0 x 309.4 mm
Set Dimension without Stand (WxHxD)	808.7 x 362.8 x 167.0 mm
Package Dimension (WxHxD)	896.0 x 589.0 x 371.0 mm
Weight	
Set Weight with Stand	7.7 kg
Set Weight without Stand	6.3 kg
Package Weight	13.9 kg
Accessory	
Power Cable Length	1.5 m
D-Sub Cable	N/A
DVI Cable	N/A
HDMI Cable	Yes

HDMI to DVI Cable	N/A
DP Cable	N/A
USB Type-C Cable	N/A
Mini-Display Gender	N/A
Install CD	Yes
Quick Setup Guide	Yes
Clean Cloth	N/A
Disclaimer	
Disclaimer	N/A

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/LC34J791WTUXEN-Samsung-C34J791WTU-34-Wide-Screen-Thunderbolt-3-Curved-Monitor-p-220836.php

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