ComX Computers
Product Specification Sheet

LC34J791WTUXEN

Samsung C34J791WTU 34" UltraWide Quad HD QLED Curved 3440x1440 LED Backlit monitor, DP, HDMI

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

Overview:

34" Curved Monitor CJ79 with 21:9 Ultra-Wide Screen and Thunderbolt 3 - LC34J791WTUXEN

- Quantum Dot Color
- 21:9 Ultra-Wide Screen
- Thunderbolt 3

Features:

Thunderbolt 3

The CJ79 features two Thunderbolt 3 ports to connect compatible Macs and PCs. Thunderbolt 3 transmits video and data at speeds of up to 40 Gbps - 8 times faster than USB 3.0 - and simultaneously charges devices (up to 85 W), 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.

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 Color

Supporting up to 125% sRGB color space, Quantum Dot technology delivers not only more hues than conventional monitors but also colors 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

Samsungs VA panel technology provides a 3000:1 contrast ratio that delivers deeper blacks, brilliant whites, and richer colors for clearer, more vibrant images.

AMD FreeSync

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

Fast 100 Hz Refresh Rate

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 CJ79s slim and striking profile is the perfect complement to any Thunderbolt 3 Mac or PC.

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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 experiences when viewing videos and playing games.

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)	797.22 x 333.72
Screen Curvature	1500R
Aspect Ratio	21:9
Panel Type	VA
Brightness (Typical)	300 cd/m2
Brightness (Min)	250 cd/m2
Contrast Ratio Static	3000:1 (Typ), 2400:1 (Min)
Dynamic Contrast Ratio	Mega
Resolution	3,440 x 1,440
Response Time	4 (GTG)
Viewing Angle (H/V)	178 / 178
Colour Support	16.7M
Colour Gamut (NTSC 1976)	88%
Color Gamut (DCI Coverage)	92%
sRGB Coverage	125% (Typ.), 120% (Min)

Adobe RGB Coverage	92%
Refresh Rate	100 Hz
General Feature	
Samsung MagicBright	Yes
Samsung MagicUpscale	Yes
Eco Saving Plus	Yes
Eye Saver Mode	Yes
Flicker Free	Yes
Picture-In-Picture	Yes
Picture-By-Picture	Yes
Quantum Dot Color	Yes
Game Mode	Yes
Image Size	Yes
Daisy Chain	Yes (Thunderbolt)
Easy Setting Box	Yes
Windows Certification	Windows 10
FreeSync	Yes
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
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
Thunderbolt 3	2 EA
Thunderbolt 3 Charging Power (Port 1)	85 W

Thunderbolt 3 Charging Power (Port 2)	15 W
Audio	
Speaker	Stereo
USB Sound Bar (Ready)	No
Operation Conditions	
Temperature	10 ~ 40 degreesC
Humidity	10 ~ 80, non-condensing
Calibration	
Factory Tunning	Yes
Design	
Color	White
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)
Wall Mount	100 x 100
Eco	
Energy Efficiency Class	C
Power	
Power Supply	AC 100~240 V
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
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

HDMI Cable	Yes
Thunderbolt 3 Cable	Yes
Install CD	Yes
Quick Setup Guide	Yes

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-UltraWide-Quad-HD-QLED-Curved-3440x1440-LED-p-239473.php

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