

TORNADO

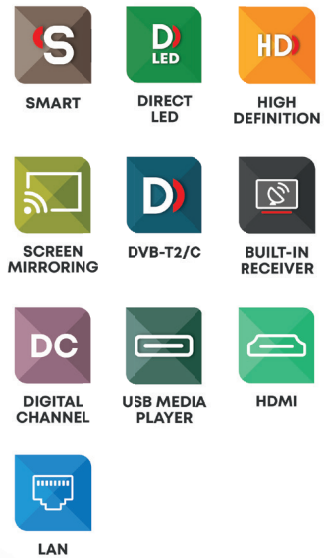
32ES4301N

32" HD Frameless WebOS Smart TV

EAN 6221127489538

TELEVISION

powered by **webOS** Hub



- **Frameless HD Design:** Sleek edge-to-edge screen for immersive viewing and a modern aesthetic
- **WebOS 23 Smart Platform:** Smooth navigation with access to YouTube, Netflix, Prime Video, WatchIt, and more
- **HDR Ready + 3000:1 Contrast Ratio:** Delivers brighter whites, deeper blacks, and enhanced detail in every scene
- **Dolby Digital Sound:** Built-in dual 8 W speakers with surround support and preset sound modes for better audio clarity
- **Full Connectivity:** Includes 3x HDMI, 2x USB, AV input, optical out, and headphone jack for maximum versatility

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The Tornado 32ES4301X is a 32" frameless HD Smart TV that brings modern entertainment into any room with style and simplicity. Its sleek edge-to-edge design enhances the viewing experience, while the HD Ready resolution and HDR support ensure clear visuals with balanced contrast and natural color.

Running on the latest webOS 23, it offers fast and intuitive access to a wide range of streaming apps, including Netflix, YouTube, Prime Video, and WatchIt. Built-in Wi-Fi and LAN connections ensure stable performance for smooth browsing and content playback. Enjoy immersive sound powered by Dolby Digital audio through integrated 2x8W speakers, delivering clear and dynamic sound for movies, shows, and everyday viewing. With a wide range of connectivity options—including 3 HDMI ports, 2 USB ports, AV input, optical audio out, and headphone jack—the 32ES4301X is ready to connect to all your media devices. It also supports Bluetooth 5.0 for easy pairing with wireless accessories like headphones or speakers.

Compact and lightweight, it can be easily wall-mounted using a 100 × 100 mm VESA bracket. Whether for a bedroom, kitchen, or secondary viewing area, the Tornado 32ES4301X delivers smart performance, flexible connectivity, and a clean modern look.



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More information

GENERAL	
Model name	32ES4301N 32" HD Frameless WebOS Smart TV
Model number	32ES4301N
EAN/UPC	6221127489538
Product category	Television
Launch date	2024
Warranty	2 Years
DISPLAY	
Screen size diagonal (inch)	32"
Backlight type	Direct LED
Resolution	HD
Pixel resolution (px)	1366 x 768
Refresh rate native (Hz)	50/60
Refresh rate effective (MR/CMR)	-
HDR formats	HDR
Brightness typical (nits)	200 ± 15%
Contrast ratio typical	3000:1
Color Gamut DCI-P3 (%)	58 (NTSC)
Surface treatment anti-glare	Yes
Viewing angle (H/V)	178° / 178°
Response time GtG (ms)	6.5
Panel bit depth (bits)	8
Peak brightness (nits)	200 ± 15%
VIDEO	
VRR support	-
ALLM (Auto Low Latency Mode)	-
Input lag game mode (ms)	6.5
Game bar / dashboard	-
Dolby vision gaming 4K120	-

AUDIO	
Speaker configuration	2.0
Speaker output power (W)	2 x 8
Subwoofer	-
Dolby digital plus	Yes
Dolby atmos	-
DTS:X	-
DTS studio sound	-
Object tracking sound / 360° audio	-
Bluetooth surround ready	-
Equalizer	Yes
Built-in mic for far-field	-
SMART	
Operating system	webOS 23
CPU / RAM (Quad-Core / GB)	CA55 × 4 / 1.5
Internal storage (GB)	8
App store	App store
Software update OTA (Over The Air) / Service port (USB)	Yes / Yes
Voice assistants	-
Voice search	Yes
Wi-Fi standard	802.11ac
Bluetooth version	5.0
Chromecast	-
Wireless display	Yes
Wake on LAN / Wake on WLAN	Yes / Yes
AirPlay	Yes
Multi-view / PIP	-

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CONNECTIVITY	
HDMI ports	3
HDMI standard	HDMI 1.4
HDMI ARC	Yes
HDMI eARC	-
HDMI CEC (Anynet+/Simplink)	Yes
USB ports	2
USB standard	USB 2.0
Ethernet (LAN)	Yes
Optical digital audio (SPDIF)	Yes
Headphone jack	Yes
CI+ slot	Yes
RF In (terrestrial / cable)	Yes
Satellite in	Yes
TUNER	
Digital terrestrial (DVB-T2)	Yes
Digital cable (DVB-C)	Yes
Digital satellite (DVB-S2)	Yes
Analog tuner (PAL / NTSC)	Yes
No. of analog channels	100
No. of digital channels	3000
HEVC (H.265) decoder	Yes
CI+ version	V 1.4
ENERGY	
Energy efficiency class (SDR)	E
Power consumption SDR (W)	55
Power consumption HDR (W)	tbd
Annual energy consumption (kWh/1000h)	25.2
Standby power passive (W)	< 0.5
Standby power active (W)	< 2
Power supply	Internal
Power saving mode	Yes

PHYSICAL	
Bezel type	Frameless
Color finish	Black
Stand type	Wide
Stand width (mm)	221
Dimensions without stand W×H×D (mm)	716,1 x 423,4 x 78,2
Dimensions with stand W×H×D (mm)	716,1 x 473,8 x 221
Weight without stand (Kg)	3.74
Weight with stand (Kg)	3.94
VESA mount (mm)	200 x 100
COMPLIANCE	
CE mark	Yes
RoHS compliant	Yes
ERP/ecodesign compliant	Yes
EPREL registration	Yes
ACCESSORIES	
Included remote type	IR remote control
Batteries included	Yes
Stand / wall-mount kit	Stand
User manual	Yes