

Samsung 65 Inch QLED TV QE65Q90TA Specifications Sheet

Display

Display diagonal *	165.1 cm (65")
HD type *	4K Ultra HD
Display resolution *	3840 x 2160 pixels
Display technology *	QLED
Screen shape *	Flat
Native aspect ratio *	16:09
Motion interpolation technology *	PQI (Picture Quality Index) 4200
Supported graphics resolutions	1920 x 1080 (HD 1080),3840 x 2160
Display diagonal (metric)	163 cm

TV tuner

Tuner type *	Analog & Digital
Digital signal format system *	DVB-C,DVB-S2,DVB-T2

Smart TV

Screen mirroring	Yes
Hybrid Broadcast Broadband TV (HbbTV)	Yes
Operating system installed *	Tizen
Smart modes	Movie,Natural

Audio

RMS rated power *	60 W
Built-in subwoofer	Yes
Audio decoders	Dolby Digital
Audio decoding technologies	Dolby Digital Plus

Network

Wi-Fi *	Yes
Ethernet LAN *	Yes
Bluetooth *	Yes
Wi-Fi Direct	Yes
Web browser	Yes
Bluetooth version	4.2

Performance

High Dynamic Range (HDR) supported *	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus),Hybrid Log-Gamma (HLG),Quantum HDR 2000
Game mode	Yes
Teletext function	Yes
Subtitles function	Yes
Local dimming	Yes
Picture processing technology	Samsung Contrast Enhancer
Digital Clean View	Yes
AMD FreeSync	Yes
4K Ultra HD upscaling	Yes
MBR support	Yes

ConnectShare (HDD)	Yes
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Ports & interfaces

HDMI ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
USB 2.0 ports quantity *	2
Common interface (CI) *	Yes
Common interface Plus (CI+) *	Yes
HDMI Quick Switch	Yes
Audio Return Channel (ARC)	Yes
Digital audio optical out	1
RF ports quantity	2
Common interface Plus (CI+) version	1.4
Consumer Electronics Control (CEC)	Anynet+

Management features

Voice control	Yes
Voice guide	Yes
Electronic Programme Guide (EPG)	Yes
On Screen Display (OSD)	Yes
Picture-in-Picture	Yes
Auto power off	Yes

Power

Energy efficiency class *	B
Annual energy consumption *	295 kWh
Power consumption (typical) *	213 W
Power consumption (standby) *	0.5 W
Power consumption (max)	305 W
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
Energy saving mode	Yes

Certificates

Digital Living Network Alliance (DLNA) certified *	Yes
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Weight & dimensions

Width *	1446.5 mm
Depth *	34.8 mm
Height *	828.3 mm
Weight *	26.7 kg
Width (with stand)	1446.5 mm
Depth (with stand)	285.7 mm
Height (with stand)	919.3 mm
Weight with stand	33.6 kg

Packaging data

Desktop stand	Yes
Handheld remote control	Yes
E-manual	Yes

Package width	1625 mm
Package depth	186 mm
Package height	970 mm
Package weight	40.8 kg