SAMSUNG

Samsung Series 7 QE55Q70CAT 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Titanium
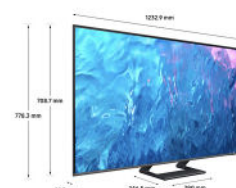
Brand : Samsung

Product name : QE55Q70CAT

Product family: Series 7

Product code:
QE55Q70CATXZT

Samsung Series 7 QE55Q70CAT. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator Turbo+, Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S2, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Titanium

Display

Display diagonal *	139.7 cm (55")
HD type *	4K Ultra HD
Display technology *	QLED
Screen shape *	Flat
Native aspect ratio *	16:9
Motion interpolation technology *	Motion Xcelerator Turbo+
Native refresh rate	100 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	138 cm

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S2, DVB-T2
Auto channel search	✔

Smart TV

Smart TV *	✔
Internet TV *	✔
Operating system installed *	Tizen
Timeshift	✔
Screen mirroring	✔
Sound mirroring	✔
Smart modes	Filmmaker, Game, Movie
Far-field voice interaction	✔
TV initiate mirroring	✔
Universal guide	✔
Video apps	Samsung TV Plus

Audio

Number of speakers *	2
RMS rated power *	20 W

Performance

SmartThings app support	✔
Tap view	✔
Wireless Dex support	✔
Multi View	✔
TV sound to mobile device	✔
MBR support	✔
USB recording *	✔
ConnectShare (HDD)	✔
ConnectShare (USB)	✔

Ports & interfaces

Audio Return Channel (ARC)	✔
Ethernet LAN (RJ-45) ports *	1
USB 2.0 ports quantity *	2
Digital audio optical out	1
RF ports quantity	3
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	4
PC in (D-Sub) *	✘
Consumer Electronics Control (CEC)	Anynet+

Management features

Voice guide	✔
Electronic Programme Guide (EPG)	✔
On Screen Display (OSD)	✔
Number of OSD languages	28
Picture-in-Picture	✔

Audio

Audio pre-selection descriptor	✔
Q-Symphony	✔
Music wall	✔
Active voice amplifier (AVA)	✔
Adaptive sound+	✔
Multiroom	✔
Multiroom audio technology	Samsung Multiroom Link
Enhanced Audio Return Channel (eARC)	✔

Network

Wi-Fi *	✔
Ethernet LAN *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.2
Web browser	✔

Design

VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Product colour *	Titanium
Introduction year	2023
Bezel type	3 Bezel-less
Stand type	Center stand

Performance

High Dynamic Range (HDR) supported *	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Quantum HDR
Game mode	✔
Teletext function	✔
Subtitles function	✔
Ambient mode	Ambient Mode+
Eco sensor	✔
Brightness detection	✔
Colour detection	✔
TV key support	✔
Picture processing technology	Quantum Processor 4K, Samsung Contrast Enhancer
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium Pro
Game features	Auto Low Latency Mode (ALLM), Dynamic Black EQ, Game Bar, Game Motion Plus, Super Ultra Wide Game View
Brand specific technologies	Motion Xcelerator Turbo+, Supreme UHD Dimming

Management features

Auto power off	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✔
Universal Browse & Play	✔

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	82 kWh
Power consumption (typical) *	82 W
Energy consumption (HDR) per 1000 hours *	169 kWh
Power consumption (standby) *	0.5 W
Power consumption (max)	205 W
AC input voltage	220-240 V
AC input frequency	50 - 60 Hz
Energy saving mode	✔

Weight & dimensions

Width (with stand)	1232.9 mm
Depth (with stand)	255.9 mm
Height (with stand)	774.1 mm
Weight (with stand)	16.9 kg
Width (without stand)	1232.9 mm
Depth (without stand)	25.7 mm
Height (without stand)	708.7 mm
Weight (without stand)	16.1 kg
Stand width	30.4 cm
Stand depth	25.6 cm

Packaging data

Cables included	AC
Remote control included	✔
Remote control type	TM2360E
E-manual	✔
Package width	1399 mm
Package depth	148 mm
Package height	846 mm
Package weight	23.1 kg
Package type	Box

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