

SHARP**AQUOS****HD**

Full HD

90" CLASS
LED Smart TV
(Diagonal)

LC-90LE657U

TECHNICAL SPECIFICATIONS**PANEL SPECIFICATIONS**

Q+ Technology	-
Quattron™ Technology	-
Revelation™ Upscaler	-
Display Panel Type	LCD
Backlight Type Source	LED Full Array
Effective Resolution	1920 x 1080, Full HD
Native Panel Resolution	1920 x 1080, Full HD
Subpixels	6 million
Aspect Ratio	16x9
Dynamic Contrast Ratio	8,000,000:1
Refresh Panel Rate	120Hz
Refresh Scanning Rate	AquoS Motion 240
Super Bright™	-

BROADCAST SYSTEM

Analog	NISC
Digital	AISC/QAM

BEZEL & TABLE STAND

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Material	Plastic
Bezel Color	Black
Stand Color	Black
Stand Shape	Square

SPECIAL FEATURES

Wallpaper Mode	Yes
THX® Certified	-
Gaming Mode	Yes
Vintage Movie mode	-
AQUOS Advantage SM Live Powered by Update Logic	No

VIDEO

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

AUDIO

Speakers (channel)	2
Speaker Location	Bottom, Down Firing
Speaker Output Power	10W+10W+15W (w/Subwoofer)
Auto Volume Control	Yes
Clear Voice	Yes
Simulated Surround	Yes
Headphone Jack	-
Wall Mount Setting	Yes

SMARTCENTRAL

Smart Apps	Yes
Dual Core Processor	Yes
Remote Control App (iOS/Android)	Yes
Web Browser	Yes
Split-Screen Web + TV	Yes
DLNA Certified®	Yes
MHL Compatible	Yes

AV INPUT/OUTPUTS (#, LOCATION)

RS-232C	1
PC In (1-15 pin D-sub)	1
Total USB Input(s)	2
USB feature	Photo/Music/Video/Software Update
Total HDMI Input(s)	4
ARC (Audio Return Channel)	Yes (HDMI 1)
4K input	-
HDCP 2.2	-
MHL	Yes (HDMI 4)
Rf in (Antenna/Cable)	1
Component Video Input(s)	1
Composite Video Input(s)	2
Audio Input(s)	4
Audio Output(s)	1
Digital Audio Output	Optical

CONNECTIVITY

Ethernet	Yes
Built-in Wireless	Yes (802.11 a/b/g/n)
IP Control	Yes
Bluetooth	-

3D

Type	Active 3D
Bluetooth 3D Glasses	AN-3DG40 (2 included)

CONVENIENCE FEATURES

Remote Type	Universal
Child Lock	Yes
Sleep Timer	Yes
Closed Caption	Yes
V-Chip	Yes
Language (English/French/Spanish)	Yes

POWER

Power Source (Voltage, Hz)	AC 120 V, 60 Hz
ENERGY STAR® Qualified	-

WALL MOUNT

VESA Compliant	Yes (600mm x 400mm)
----------------	---------------------

DIMENSIONS/WEIGHT(inches/lbs.)

Excluding Stand (w/xtxd)	80-7/8" x 47-11/16" x 4-37/64"
Including Stand (w/xtw t)	80-7/8" x 48-61/64" - 17-3/32"
Shipping (w/xtxd)	88-1/16" x 57-1/2" x 13-3/16"
Product Weight (Excluding Stand/Including Stand)	141.1 lbs./150 lbs.
Shipping Weight	203.9 lbs.
UPC	074000376175

WARRANTY/UPC

Parts	1 year limited
Labor	1 year limited

© 2014 Sharp Electronics Corporation. Sharp, AQUOS, SmartCentral, Quattron, Q+, and Revelation related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated entities.

THX and the THX Certified logo are trademarks of THX Ltd., registered in the United States and other jurisdictions. All rights reserved.

Netflix is a registered trademark of Netflix, Inc. Pandora is a registered trademark of Pandora Media, Inc. YouTube is a trademark of Google, Inc. MHL and the MHL logo are a trademark, registered trademark or service mark of MHL, LLC in the United States and/or other countries. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. All other trademarks are property of their respective owners.

Product specification and design are subject to change without notice.

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, NJ 07495
1-800-BE-SHARP
www.sharpuza.com