

PHASE	
Factory Model No.	HE55A6109FUWTS
Offline Model No.	55A7100F
Online Model	55AE7000F
Series	A7100F
Front-cover Material/Color	Plastic/black
Back-cover Material/Color	Plastic/black
TV Type	UHD Smart TV
Panel Performance	
Panel Aspect Ratio	16:9
Screen Size (diagonal)	54.6inch
Screen Size (diagonal) CM	138.7
Max. Resolution	Ultra HD 3840×2160
Curvature Rate	-
Angle of visibility	178
Display Color Depth	8bit+FRC
TCON color depth	8bit+FRC
Wide Color Gamut	No
Quantum Dot Technology	No
KSF	No
Color gamut range BT.2020 (1976)	52%
Vsync Frequency	60Hz
Contrast	6000:1(type)
TV Brightness (nits) (Typical Value)	300
TV Peak Brightness (nits) and Duration (s)	No
Backlight technology	DLED
Local Dimming	No
Local Dimming Zones	No
3D technology	No
2D to 3D	No
PCI(Picuture Criteria Index)	1600
HDR10	Yes
HLG	Yes
HDR10+ decoding	Yes
Dolby Vision	NO
Improving Engines	
Processor	Quad Core/MSD6886
Upscaling Ultra HD	Yes
MEMC	No
Decoder	HEVC (H.265),VP9,H.264,MPEG4, MPEG2,VC1,MVC)
Game Mode (Input Lag)	Yes (<20ms)
3D Digital Comb Filter	Yes
MPEG noise reduction	Yes

Mosquito noise reduction	Yes
Sound	
Sound output power	2*8W
Sound Technology	DTS Studio Sound
NICAM / A2 Stereo	NICAM Stereo
User Equalizer	Yes (Advanced Parametric Equalizer, the compensation of frequency characteristics based on input signal level to fit the acoustic characteristics of human ears)
Sound - Special	Dolby Audio(MS12),DTS
AC-4	Yes (DTV, USB, HDMI; not supported via HbbTV and streaming)
MPEG-H	No
Convenience	
Media Player	Yes (Video, Audio, Picture)
Multi-Language OSD	1 English / 2 German / 3 French / 4 Italian / 5 Spanish / 6 Portuguese / 7 Dutch / 8 Greek / 9 Russian / 10 Czech / 11 Slovakian / 12 Slovenian / 13 Lithuanian / 14 Latvian / 15 Estonian / 16 Ukrainian / 17 Polish / 18 Romanian / 19 Hungarian / 20 Bulgarian / 21 Serbian / 22 Croatian / 23 Bosnian / 24 Albanian / 25 Macedonian /26 Montenegrin/ 27 Swedish / 28 Danish / 29 Finnish / 30 Norwegian / 31 Icelandic / 32 Belarusian / 33 Uzbek / 34 Turkish/35 Arabic / 36 Hebrew / 37 Armenian / 38 Geogian / 39 Azerbaijani / 40 Kazakh/ 41 Kurdish / 42 Simplified Chinese / 43 Hindi (1-35: Available in both Europe A and B Category; 36-43: Only available in Europe B Category)
Hotel TV	Yes
User Interface	VIDAA U3.0
Internet	

Important Apps (all countries)	Netflix, Youtube, Prime video, Rakuten TV
Country-specific apps	refer to APP sheet
Web browser	Seraphic 4.0
HbbTV	HbbTV 2.0.1
MHEG support	Yes (but only if Certification requires)
Anyview Cast	Yes
Anyview Stream	Yes (DMP,DMR)
Smartphone app	Yes
Reception and TV Features	
Digital and Analog Tuner	DVB-T2/T/C/S2/S
Twintuner	No
LCN Support	Yes (Depending on location and operator)
Teletext Support	Yes
EPG	7 days forward EPG, 7 days backwards EPG (UK Only)
Parental Control	Yes
PVR	YES(only UK,Serbia, Bosnia and Herzegovina, Montenegro, North Macedonia,Belarus)
Time Shift	YES(only UK,Serbia, Bosnia and Herzegovina, Montenegro, North Macedonia,Belarus)
Channel sorting	Build-in and exportable for PC edit (ChSort)
Favorite channel list	4
Connectivity	
Common Interface (CI+)	Yes(V1.4)
HDMI1	HDMI2.0--ARC
HDMI2	HDMI2.0
HDMI3	HDMI2.0
HDMI4	NA
USB (2.0)	2
USB (3.0)	0
S/PDIF Output	1(optical)
Audio (L/R) Input	1
Headphone Output	0
RF Tuner	2
Composite (AV) Input	1
Component YPb(Cb)/Pr(Cr) Input	0
SCART	0
VGA Input	0
PC Audio Input (3.5mm)	0

Subwoofer	0
Ethernet RJ45 port	1
Wireless LAN adapter Support	Yes
WiFi technology	802.11bgn,2.4G
Bluetooth Support and profiles	Yes
light sensor	No
Eco & Power supply	
Power Supply	100V-240V 50/60Hz
Energy Efficiency Class	A+
Standby Consumption	0.5W
Power off	<0.5W
Power Consumption (Nameplate)	130W
Annual consumption (Nameplate)	NA
Power Consumption (Energy Rating Label)	86W
Annual consumption (Energy Rating Label)	126KWh/annum
Luminance Ratio	> 65%
Mercury content	Yes -This television contains mercury only in certain parts or components , in accordance with existing exemption clauses under the RoHS Directive.
Lead content	Yes -This television contains lead only in certain parts or components , in accordance with existing exemption clauses under the RoHS Directive.
Weight & Dimensions	
Weight incl. Packaging	16.6kg
Product weight incl. Stand	12.6kg
Product weight excl. Stand	12.3kg
Weight of carton box	3.2kg
Weight of plastic foam in package material	1.0kg
Weight of plastic in package material	0.78kg
Weight of metal in package material	0.1kg
Package (Horizontal/Vertical)	Vertical
Packaging Dimension (LxDxH)	1364×155×831mm
Product Dimension incl. Stand (LxDxH)	1230×226×773mm
Product Dimension excl. Stand (LxDxH)	1230×86×712mm
Maximum distance between two stand(L)底座间最大尺寸	1018mm
Bezel width(Top/Left&right/Bottom)	Bottom14.8mm
Single stand	NO
Adjustable Stand	NO

Minimum distance between the stands	NO
Cable Management	NO
Accessories	
Stand Material / Color	Plastic/Black
Stand (LxW)	240X43.6mm
VESA Wall Mount Compatible	200×300mm
Remote control (Number of Keys / Model number)	EN2BI27H(EU)/EN2BO27H(UK)/EN2BB27H(East EU)
Second Remote Control (Model number)	No
Remote Batteries	AAAx2
User Manual	Yes
Quick start page	Yes
Power cable	Yes
Adapter	No
Units of packaging material	carton 1PC + pad 4PC (EPS) + pad 2PC (EPE+) + pad 1PC (EPE) +TV' s package bag 1PC + accessory bag 1PC + screw package bag 1PC + base stand package bag 2PC + remote control package bag 1PC
Units of packaging material (0.1g < unit <= 0.5g)	screw package bag 1PC
Units of packaging material (unit > 0.5g)	carton 1PC+pad 4PC (EPS) +pad 2PC (EPE+) +pad 1PC (EPE) +TV' s package bag 1PC + accessory bag 1PC + screw package bag 1PC + base stand package bag 2PC + remote control package bag 1PC
Weight of packaging	
Weight of packaging -paper, cardboard	3.58kg
Weight of packaging- EPS	0.65kg
Weight of packaging- foil PE	0
Weight of packaging- PVC	0
Weight of packaging- plastic- other	0
Weight of packaging- wood	0
Weight of packaging- metal	0
Weight of packaging -paper	40g
Logistics & Warranty	
Container Loading(40HQC)	381
DMP formats	
Container Format	AVI,MP4,MKV,TS,FLV OGG

Video	.AVI,.WMV,.MP4,.MOV,.3GP,.MKV,.MPG,.MPEG,.VOB,.FLV,.WebM,.OGM,
Audio	.wma,.wmv,.mp4,.FLAC,.MP2,.MP3 music(mp3 aac wma wav)
Picture	.jpeg,.bmp,.PNG,.GIF,.mpo