



Thanks to a powerful Quad Core processor, your Samsung Smart TV offers enhanced performance. You'll notice the difference straight away, with faster multitasking and switching between content and web browsing, as well as smoother interaction. With this extra power, your entertainment experience will be so much more enjoyable, with less waiting and more viewing.

Samsung's segmented dimming technology lets you enjoy viewing with deeper black and purer white shades, making everything you see more vivid and dramatic. It's all thanks to sophisticated contrast enhancement that gets the most from your TV and lets you enjoy all your entertainment at its best. Samsung's Micro Dimming gives you images more defined than ever. Using your TV is more intuitive with the Samsung Smart Control.

Using the touchpad you can flip between Smart Hub panels and scroll down webpages, and by pointing the remote, you can utilize Motion Control to move the on-screen cursor to navigate and enter text easily. Useful video control keys also help you watch movies, TV and other content you've downloaded or streamed on demand. Thanks to Samsung's advanced Clear Motion Rate (CMR) technology, even fast moving scenes are delivered with clarity. A higher CMR means clearer viewing and less motion blur, so you can enjoy action films, sports and other entertainment at their very best.

This technology is possible due to an enhanced panel refresh rate, image processor speed and backlight technology. That means viewing that's clearly better. Using an advanced picture quality improvement algorithm, Samsung's Wide Color Enhancer Plus drastically improves the quality of any image and uncovers hidden details. Now see

colours as they were meant to be seen with Wide Color Enhancer Plus. With ConnectShare Movie, simply plug your USB memory drive or HDD into the TV and instantaneously enjoy movies, photos or music. Now, you can experience a wide variety of content in the comfort of your living room on your TV.

<b>Display</b>	
Screen	48in LED
Resolution (Native)	1920 x 1080Pixels Full HD
HDTV	Yes 1080p
3D TV	Yes - 3D Converter
3D Glasses Included	Yes - Active
Screen Dimensions	48in Viewable screen size -
HD Support	Yes
<b>Tuner(s)</b>	
Tuners Supplied	DVB-C • DVB-T • Analogue
<b>Input</b>	
Remote Controller	Included
Auto Timer on/off	Clock • On-Time/Off-Time • Sleep Timer • Auto Power Off
Language Selection	27 European Languages
<b>Video Functions</b>	
Video Tuning Features	Auto Channel Search
Teletext Support	EPG, Teletext (TTX)
Picture within Picture	Yes
<b>Sound</b>	
Audio Capabilities	3D Sound
Audio Controls	Auto Volume Leveler
Speakers	2 x 10W
Audio Features	Dolby MS10, DTS Studio Sound, DTS Premium Sound 5.1
<b>Interfaces/Ports</b>	
HDMI Ports	4 x HDMI
SCART Ports	1 x SCART
USB Ports	3 x USB 2.0
RJ-45 Ports	1 x RJ-45
Common Interface (CI) Port(s)	1 x CI+ 1.3
Video Component In	1 x Component (YPbPr)
Video Composite In	1 x Composite (AV) Common Use for Component Y
Audio Line Out Ports	1 x Digital Audio out (Optical)
Headphone Ports	1 x Headphone Port
TV Tuner Port	1 x RF In (Terrestrial/Cable Input)
TV Out	1 x IR Out
<b>Network (Wireless)</b>	
Wireless System	Built-in WiFi Direct
<b>Smart TV Applications</b>	

<b>Smart TV</b>	Yes
<b>Net TV</b>	Catch Up TV Online Video Shops Open Internet Browse Online Apps
<b>SimplyShare</b>	DLNA Media Browser
<b>Programme</b>	Pause TV USB Recording
<b>Electrical</b>	
<b>Power Consumption Operating/Standby/Sleep Modes</b>	0.3W (Standby) / (Saving)
<b>Voltage/Frequency</b>	220 to 240VAC / 50 to 60Hz
<b>Physical</b>	
<b>Form Factor</b>	LED Television
<b>Case Colour</b>	Black
<b>In The Box</b>	Television • 2 x (SSG-5100GB) • Remote Controller • Batteries for Remote Control • Samsung Smart Touch Control • IR Extender Cable • User Manual • E- Manual • Power Cable
<b>Dimensions</b>	108.61cm (W) x 30.82cm (D) x 70.51cm (H) - Weight 13.50kg