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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 Colour 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 Colour 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.

Display	
Screen	55in LED
Resolution (Native)	1920 x 1080Pixels Full HD
HDTV	Yes 1080p
3D TV	Yes - 3D Converter
3D Glasses Included	Yes - Active
Screen Dimensions	55in Viewable screen size -
HD Support	Yes
Tuner(s)	
Tuners Supplied	DVB-C • DVB-T • Analogue
Input	
Remote Controller	Included
Auto Timer on/off	Clock • On-Time/Off-Time • Sleep Timer • Auto Power Off
Language Selection	27 European Languages
Video Functions	
Video Tuning Features	Auto Channel Search
Teletext Support	EPG, Teletext (TTX)
Picture within Picture	Yes
Sound	
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
Interfaces/Ports	
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
Network (Wireless)	
Wireless System	Built-in WiFi Direct
Smart TV Applications	
Smart TV	Yes
Net TV	Catch Up TV Online Video Shops Open Internet

SimplyShare	Browse Online Apps
Programme	DLNA Media Browser Pause TV USB Recording
Electrical	
Energy Rating	A+
Power Consumption Operating/Standby/Sleep Modes	71W (Max) / 0.3W (Standby) / (Saving)
Voltage/Frequency	220 to 240VAC / 50 to 60Hz
Physical	
Form Factor	LED Television
Case Colour	Black
In The Box	Television • 2 x (SSG-5100GB) • Remote Controller • Batteries for Remote Control • Samsung Smart Touch Control • IR Extender Cable • User Manual • E-Manual • Power Cable
Dimensions	124.14cm (W) x 30.82cm (D) x 79.25cm (H) - Weight 18.10kg