

UE50RU7090

Display

Screen size 50 "

Resolution 3840 x 2160

Video

UHD Engine Processor

PQI (Picture Quality Index) 1300

HDR (High Dynamic Range) HDR

HDR 10+ Yes

HLG (Hybrid Log Gamma) Yes

Contrast Mega Contrast

Colour PurColor

Micro Dimming UHD Dimming

Contrast Enhancer Yes

Film Mode Yes

Support Natural Mode Yes

Audio

Dolby Digital Plus Yes

Dialog Enhancement Yes

Audio Pre-selection Descriptor Yes

Audio Power (RMS) 20W

Speaker Type 2CH

Multiroom Link Yes

Bluetooth Audio Yes

Convergence

Mobile to TV - Mirroring, DLNA Yes

Bluetooth Low Energy Yes

Wi-Fi Direct Yes

TV Sound to Mobile Yes

Tuning

DVB-T2CS2 Digital / Satellite Tuner

Analog Tuner Yes

CI (Common Interface) CI + (1.4)

Connectivity

HDMI 3

USB 2

Component input (Y / Pb / Pr) 1

Composite (AV) 1

Ethernet (LAN) Yes

Digital Audio Output (Optical) 1

CI Slot 1

Support HDMI A / Return Ch. Yes

HDMI Quick Switch Yes

Wireless LAN Built-in Yes

Any net + (HDMI-CEC) Yes

Design

Design New Edge

VNB frame type

Type Slim Slim

Frame Colour Charcoal black

Basic type Simple Luminous

Shadow Black Colour Stand



Other characteristics

Processor Quad-Core

Digital Clean View Yes

Automatic Channel Search Yes

Auto Power Off Yes

Subtitles Yes

Connect Share™ (HDD) Yes

Connect Share™ (USB 2.0) Yes

EPG Yes

Game Mode Yes (Auto Game Mode)

USB HID support Yes

Teletext (TTX) Yes

IPv6 Support Yes

MBR Support Yes

Eco

Eco sensor Yes

Energy efficiency class A

Supply

AC220-240V 50 / 60Hz

Consumption (Max) 130 W

Energy consumption (stand-by) 0.50 W

Consumption (Energy Saving Mode) 46.3 W

Energy consumption (Typical) 91.0 W

Peak brightness ratio 73%

Annual energy consumption (EU standard) 126 kWh

Dimensions

Packaging dimensions (WxHxD) 1097 x 677 x 151 mm

Dimensions with base (WxHxD) 970.2 x 636.3 x 210.3 mm

Dimensions without base (WxHxD) 970.2 x 563.2 x 58.2 mm

Stand (Basic) (WxD) 800 x 210.3 mm

Weight

Packaging dimensions (WxHxD) 1272 x 790 x 155 mm

Dimensions with base (LxAxP) 1124.8 x 728.8 x 261.3 mm

Dimensions without base (WxHxD) 1124.8 x 650.2 x 59.1 mm

Stand (Basic) (WxD) 949.6 x 261.3 mm

Accessories

remote control(* XU: TM1240A)

Remote control batteries Yes

Samsung Smart Control (included) Yes

Mini Bracket Support Yes

VESA bracket support Yes

User Manual Yes

E-Manual Yes

Power cord Yes