

2. Product Specifications

2-1. Product information

Model	UN**J5290AG		
Front View	 * W : Width H : High D : Depth		
Detail View			
Color	Front :BLACK(HAIR LINE) / Stand : BLACK		
Dimensions (W x H x D)	40"	Body	917.1 x 527.7 x 77.0 mm
		With Stand	917.1 x 552.4 x 170.3 mm
	43"	Body	979.9 x 571.9 x 77.3 mm
		With Stand	979.9 x 596.6 x 170.3 mm
	49"	Body	1112.8 x 646.5 x 78.7 mm
		With Stand	1112.8 x 673.6 x 187.5 mm
Weight	40"	Body	7.0 kg
		With Stand	7.2 kg
	43"	Body	8.0 kg
		With Stand	8.20 kg
	49"	Body	10.3 kg
		With Stand	10.6 kg

2-2. Product specification

2-2-1. Detailed Specifications


NOTE

Design and specifications are subject to change without prior notice.

Last Update Date : 2018.10.12

Item		UN40J5290AGXZD
General Information	Product	LED
	Cabinet Basic Code	U40NM1
	Series	5
	Country	BRAZIL
	Platform(TV)	Novatek NT14M
Display	Screen Size	40"
	Resolution	1,920 x 1,080
	Ultra Black	N/A
	Screen Curvature	N/A
	10 bit Support	N/A
Video	Picture Engine	HyperReal
	Motion Rate	60
	PQI (Picture Quality Index)	200
	HDR (High Dynamic Range)	N/A
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	N/A
	Precision Black (Local Dimming)	N/A
	Active Crystal Color	N/A
	Wide Color Enhancer (Plus)	Yes
	PurColor	N/A
	Auto Depth Enhancer	N/A
	Contrast Enhancer	N/A
	Auto Motion Plus	N/A
	Film Mode	Yes
	Peak Illuminator	N/A
Audio	Dolby Digital Plus	Yes
	DTS Codec	N/A
	Sound Output (RMS)	20W
	Speaker Type	2CH
	Woofer	N/A
	Multiroom Link	N/A
	Bluetooth Audio	N/A

Item		UN40J5290AGXZD
Smart Service	Voice Interaction	N/A
	Samsung SMART TV	Smart
	TV Plus	N/A
	Web Browser	Yes
	Samsung Connect	N/A
	Smart View	N/A
Convergence	TV to Mobile - Mirroring	N/A
	Mobile to TV - Mirroring, DLNA	Yes
	360 Video Player	N/A
	360 Camera Support	N/A
	Bluetooth Low Energy	N/A
	RVU	N/A
	WiFi Direct	Yes
	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application (SmartThings App)	N/A
Localization	S-Share	N/A
	Sound Mirroring	N/A
	Dongle Compatibility (3G / LTE / WiFi)	N/A
	Analog Clean View	N/A
	Cricket Prediction	N/A
	Sports Mode	Basic
	Senior Mode	N/A
	Clean View	N/A
	Family TV 2.0	N/A
	Local Cinema Mode	N/A
Tuner/Broadcasting	Digital Broadcasting	ISDB-T
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	N/A
	Data Broadcasting	GINGA
	TV Key	N/A
Connectivity	HDMI	2
	USB	1
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1 (Common Use for Component Y)
	Ethernet (LAN)	Yes
	Audio Out (Mini Jack)	1
	Digital Audio Out (Optical)	N/A

2. Product specifications

Item		UN40J5290AGXZD
Connectivity	RF In (Terrestrial / Cable input / Satellite input)	1/0/0
	Ex-Link (RS-232C)	N/A
	CI Slot	N/A
	HDMI A / Return Ch. Support	N/A
	HDMI Quick Switch	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Slim Edge Mold
	Bezel Type	VNB
	Slim Type	Semi Slim
	Front Color	Black Hairline
	Light Effect (Deco)	N/A
	Stand Type	Mini Arc
	Swivel (Left/Right)	N/A
Additional Feature	Décor Mode Picture Engine	N/A
	Art Mode (The Frame)	N/A
	Low Power (Décor Mode)	N/A
	Instant On	N/A
	Processor	N/A
	SCSA Support	N/A
	Accessibility	Yes□Zoom□
	Digital Clean View	Yes
	Invisible Connection	N/A
	Auto Channel Search	Yes
	Auto Power Off	Yes
	Caption (Subtitle)	Yes
	Connect Share™ (HDD)	N/A
	ConnectShare™ (USB 2.0)	Yes
	Connect Share™ Transfer	N/A
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	N/A
	Game Mode	Yes
	OSD Language	Local
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Teletext (TTX)	N/A
	Time Shift	N/A

Item		UN40J5290AGXZD
Additional Feature	V-Chip	N/A
	IPv6 Support	N/A
	Ultra Clean View	N/A
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A
Power	Power Supply	AC100-240V 50/60Hz
	Power Consumption (Max)	100 W
	Power Consumption (Stand-by)	N/A
	Power Consumption (Energy Saving Mode)	N/A
	Power Consumption (Typical)	50 W
	Peak Luminance Ratio	N/A
	Yearly Power Consumption (EU standard)	N/A

Last Update Date : 2018.12.15

Item		UN43J5290AGXZD
General Information	Product	LED
	Cabinet Basic Code	U43NM1
	Series	5
	Country	BRAZIL
	Platform(TV)	Novatek NT14M
Display	Screen Size	43"
	Resolution	1,920 x 1,080
	Ultra Black	N/A
	Screen Curvature	N/A
	10 bit Support	N/A
Video	Picture Engine	HyperReal
	Motion Rate	60
	PQI (Picture Quality Index)	200
	HDR (High Dynamic Range)	N/A
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	N/A
	Precision Black (Local Dimming)	N/A
	Active Crystal Color	N/A
	Wide Color Enhancer (Plus)	Yes
	PurColor	N/A
	Auto Depth Enhancer	N/A
	Contrast Enhancer	N/A
	Auto Motion Plus	N/A
	Film Mode	Yes
	Peak Illuminator	N/A

2. Product specifications

Item		UN43J5290AGXZD
Audio	Dolby Digital Plus	Yes
	DTS Codec	N/A
	Sound Output (RMS)	20W
	Speaker Type	2CH
	Woofer	N/A
	Multiroom Link	N/A
	Bluetooth Audio	N/A
Smart Service	Voice Interaction	N/A
	Samsung SMART TV	Smart
	TV Plus	N/A
	Web Browser	Yes
	Samsung Connect	N/A
	Smart View	N/A
Convergence	TV to Mobile - Mirroring	N/A
	Mobile to TV - Mirroring, DLNA	Yes
	360 Video Player	N/A
	360 Camera Support	N/A
	Bluetooth Low Energy	N/A
	RVU	N/A
	WiFi Direct	Yes
	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application (SmartThings App)	N/A
Localization	S-Share	N/A
	Sound Mirroring	N/A
	Dongle Compatibility (3G / LTE / WiFi)	N/A
	Analog Clean View	N/A
	Cricket Prediction	N/A
	Sports Mode	Basic
	Senior Mode	N/A
	Clean View	N/A
	Family TV 2.0	N/A
	Local Cinema Mode	N/A
Tuner/Broadcasting	Digital Broadcasting	ISDB-T
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	N/A
	Data Broadcasting	GINGA
	TV Key	N/A

Item		UN43J5290AGXZD
Connectivity	HDMI	2
	USB	1
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1 (Common Use for Component Y)
	Ethernet (LAN)	Yes
	Audio Out (Mini Jack)	1
	Digital Audio Out (Optical)	N/A
	RF In (Terrestrial / Cable input / Satellite input)	1/0/0
	Ex-Link (RS-232C)	N/A
	CI Slot	N/A
	HDMI A / Return Ch. Support	N/A
	HDMI Quick Switch	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Slim Edge Mold
	Bezel Type	VNB
	Slim Type	Semi Slim
	Front Color	Black Hairline
	Light Effect (Deco)	N/A
	Stand Type	Mini Arc
	Swivel (Left/Right)	N/A
Additional Feature	Décor Mode Picture Engine	N/A
	Art Mode (The Frame)	N/A
	Low Power (Décor Mode)	N/A
	Instant On	N/A
	Processor	N/A
	SCSA Support	N/A
	Accessibility	Yes□Zoom□
	Digital Clean View	Yes
	Invisible Connection	N/A
	Auto Channel Search	Yes
	Auto Power Off	Yes
	Caption (Subtitle)	Yes
	Connect Share™ (HDD)	N/A
	ConnectShare™ (USB 2.0)	Yes
	Connect Share™ Transfer	N/A
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	N/A

2. Product specifications

Item		UN43J5290AGXZD
Additional Feature	Game Mode	Yes
	OSD Language	Local
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Teletext (TTX)	N/A
	Time Shift	N/A
	V-Chip	N/A
	IPv6 Support	N/A
	Ultra Clean View	N/A
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A
Power	Power Supply	AC100-240V 50/60Hz
	Power Consumption (Max)	105 W
	Power Consumption (Stand-by)	N/A
	Power Consumption (Energy Saving Mode)	N/A
	Power Consumption (Typical)	55 W
	Peak Luminance Ratio	N/A
	Yearly Power Consumption (EU standard)	N/A

Last Update Date : 2018.11.30

Item		UN49J5290AGXZD
General Information	Product	LED
	Cabinet Basic Code	U49NM1
	Series	5
	Country	BRAZIL
	Platform(TV)	Novatek NT14M
Display	Screen Size	49"
	Resolution	1,920 x 1,080
	Ultra Black	N/A
	Screen Curvature	N/A
	10 bit Support	N/A
Video	Picture Engine	HyperReal
	Motion Rate	60
	PQI (Picture Quality Index)	200
	HDR (High Dynamic Range)	N/A
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	N/A
	Precision Black (Local Dimming)	N/A
	Active Crystal Color	N/A

Item		UN49J5290AGXZD
Video	Wide Color Enhancer (Plus)	Yes
	PurColor	N/A
	Auto Depth Enhancer	N/A
	Contrast Enhancer	N/A
	Auto Motion Plus	N/A
	Film Mode	Yes
	Peak Illuminator	N/A
Audio	Dolby Digital Plus	Yes
	DTS Codec	N/A
	Sound Output (RMS)	20W
	Speaker Type	2CH
	Woofer	N/A
	Multiroom Link	N/A
	Bluetooth Audio	N/A
Smart Service	Voice Interaction	N/A
	Samsung SMART TV	Smart
	TV Plus	N/A
	Web Browser	Yes
	Samsung Connect	N/A
	Smart View	N/A
Convergence	TV to Mobile - Mirroring	N/A
	Mobile to TV - Mirroring, DLNA	Yes
	360 Video Player	N/A
	360 Camera Support	N/A
	Bluetooth Low Energy	N/A
	RVU	N/A
	WiFi Direct	Yes
	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application (SmartThings App)	N/A
Localization	S-Share	N/A
	Sound Mirroring	N/A
	Dongle Compatibility (3G / LTE / WiFi)	N/A
	Analog Clean View	N/A
	Cricket Prediction	N/A
	Sports Mode	Basic
	Senior Mode	N/A
	Clean View	N/A
	Family TV 2.0	N/A

2. Product specifications

Item		UN49J5290AGXZD
Localization	Local Cinema Mode	N/A
Tuner/Broadcasting	Digital Broadcasting	ISDB-T
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	N/A
	Data Broadcasting	GINGA
	TV Key	N/A
Connectivity	HDMI	2
	USB	1
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1 (Common Use for Component Y)
	Ethernet (LAN)	Yes
	Audio Out (Mini Jack)	1
	Digital Audio Out (Optical)	N/A
	RF In (Terrestrial / Cable input / Satellite input)	1/0/0
	Ex-Link (RS-232C)	N/A
	CI Slot	N/A
	HDMI A / Return Ch. Support	N/A
	HDMI Quick Switch	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Slim Edge Mold
	Bezel Type	VNB
	Slim Type	Semi Slim
	Front Color	Black Hairline
	Light Effect (Deco)	N/A
	Stand Type	Mini Arc
	Swivel (Left/Right)	N/A
Additional Feature	Décor Mode Picture Engine	N/A
	Art Mode (The Frame)	N/A
	Low Power (Décor Mode)	N/A
	Instant On	N/A
	Processor	N/A
	SCSA Support	N/A
	Accessibility	Yes□Zoom)
	Digital Clean View	Yes
	Invisible Connection	N/A
	Auto Channel Search	Yes
	Auto Power Off	Yes

Item		UN49J5290AGXZD
Additional Feature	Caption (Subtitle)	Yes
	Connect Share™ (HDD)	N/A
	ConnectShare™ (USB 2.0)	Yes
	Connect Share™ Transfer	N/A
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	N/A
	Game Mode	Yes
	OSD Language	Local
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Teletext (TTX)	N/A
	Time Shift	N/A
	V-Chip	N/A
	IPv6 Support	N/A
	Ultra Clean View	N/A
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A
Power	Power Supply	AC100-240V 50/60Hz
	Power Consumption (Max)	138 W
	Power Consumption (Stand-by)	N/A
	Power Consumption (Energy Saving Mode)	N/A
	Power Consumption (Typical)	79 W
	Peak Luminance Ratio	N/A
	Yearly Power Consumption (EU standard)	N/A

2-2-2. Specifications

■ Specifications

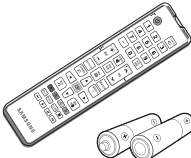
Model	UN**J5290AG		
Item	Description		
Screen Size (Diagonal)	40 inches	43 inches	49 inches
LCD Panel	FHD 60Hz		
Display Colors	16.7M color		
Display Resolution	1,920 x 1,080		
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω, internally terminated		
Input Sync Signal	H/V Separate, TTL, P. or N.		
Environmental Considerations	Operating Temperature: 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity: 10% ~ 80%, non-condensing Storage Temperature: -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity: 5% ~ 95%, non-condensing		
AC Power Voltage & Frequency	AC100-240V 50/60Hz		
Sound (Output)	20W(L:10W, R:10W)		

2-3. Accessories



NOTE

- The items' colors and shapes may vary depending on the model.
- Cables not included in the package contents can be purchased separately.
- The part code for some accessories may differ depending on your region.
- The provided accessories may vary depending on the model.

Product	Description	Code. No	Remark
	Remote Control & Batteries	40" : BN98-07592A 43" : BN98-07592A 49" : BN98-07592A	
		40" : 4301-000121 43" : 4301-000121 49" : 4301-000121	
	Power Cord	40" : 3903-001081 43" : 3903-001081 49" : 3903-001081	
	Manual Users	40" : BN68-09154B 43" : BN68-09154B 49" : BN68-09154B	