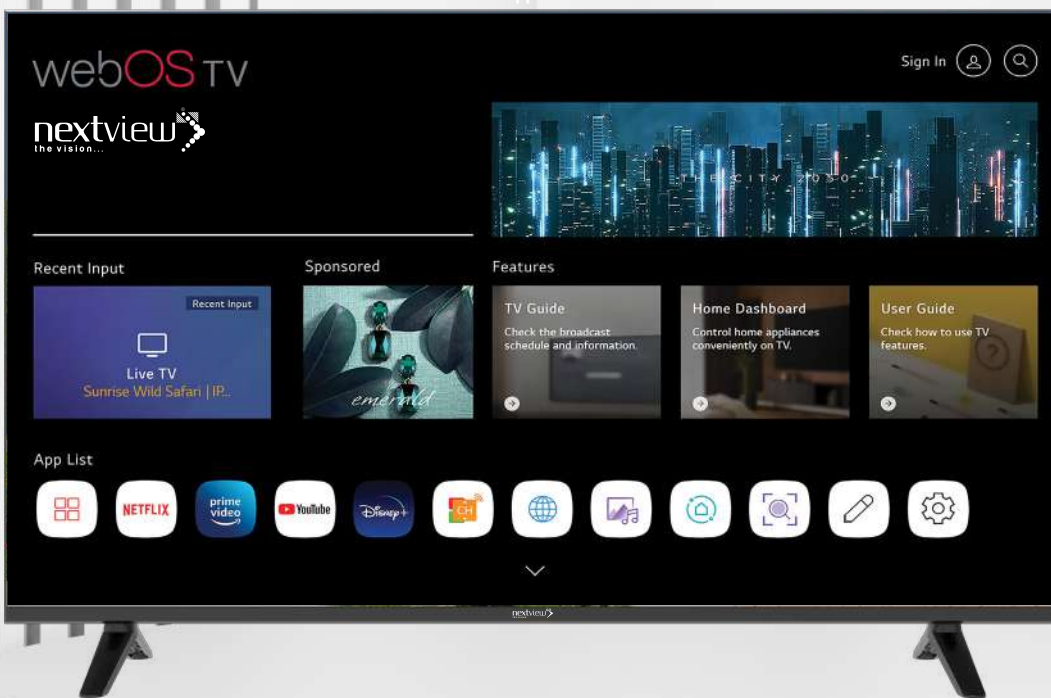


Incredibly

SMART webOS TELEVISION

50"



ThinQ AI™



NETFLIX

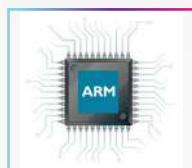
prime video



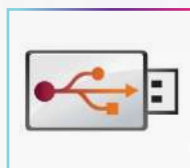
HDMI™  
HIGH-DEFINITION MULTIMEDIA INTERFACE



BLUETOOTH



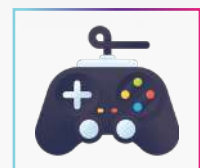
ARM CORTEX  
PROCESSOR



USB X2



VIRTUAL  
SURROUND SOUND



GAME  
OPTIMIZER



WBNV4K050U

4K ULTRA HD

50"

# TECHNICAL SPECIFICATIONS

## MAINBOARD SPECIFICATIONS

OS VERSION	WEE 2.0	
MAIN CHIPSET	RTD2874W	
CPU	ARM CORTEX -CA75*2, CA55*2	
GPU	IMG BXE4 -HIGH SPEED	
CPU FREQUENCY	1.0 GHZ	
GPU FREQUENCY	700 MHZ	
OPERATING FREQUENCY	2.4GHZ/5GHZ	
RAM / DDR SIZE	EMBEDDED 1.5 GB	
INTERNAL MEMORY -ROM / EMMC FLASH	8GB	
SERVICE MODE KEY	INSTART 0413 / ADJ 0413	
MAIN BOARD TYPE	SINGLE	
(SINGLE OR SEPARATE SMPS)		
DRM LICENCED	YES	
ADDITIONAL FEATURES	GAME OPTIMIZER	YES
	HDR10	YES
	HLG	YES
	ALLM	YES
	MEMC	YES

## DISPLAY

<b>SURFACE TREATMENT (*2)</b>	<b>ANTI GLARE</b>
<b>PANEL TYPE (DLED OR EDGE )</b>	<b>DLED</b>
<b>PANEL GRADE</b>	<b>A+</b>
<b>PANEL POWER</b>	<b>12V</b>
<b>PANEL DOTS SPECS</b>	<b>0 DOTS</b>
<b>COLOUR DEPTH IN BITS</b>	<b>1.07G</b>
<b>SCREEN SIZE</b>	<b>50"</b>
<b>RESOLUTION</b>	<b>3840X2160</b>
<b>CONTRAST RATIO (TYPICAL)</b>	<b>5000:1</b>
<b>WHITE LUMINANCE OF PANEL (CD/M2)</b>	<b>300 CD/M<sup>2</sup> +/-10%</b>
<b>RESPONSE TIME</b>	<b>9.5MS</b>
<b>VIEWING ANGLE</b>	<b>V:178, H:178</b>
<b>ASPECT RATIO (HD RESOLUTION)</b>	<b>16:9</b>
<b>PICTURE MODES</b>	<b>VIVID, STANDARD, APS, CINEMA, CRICKET, GAME_OPTIMISER</b>

## TV SYSTEM

<b>RECEIVING RANGE</b>	<b>48.25MHz - 863.25MHz</b>
<b>VIDEO SYSTEM</b>	<b>NTSC/PAL/PAL-M/PAL-N</b>
<b>SOUND SYSTEM</b>	<b>BG/DK/I</b>
<b>INPUT IMPEDANCE</b>	<b>75 E</b>
<b>OSD LANGUAGE</b>	<b>ENGLISH</b>

## AUDIO

NUMBER OF SPEAKERS	2
NUMBER OF TWEETERS	NA
SPEAKER TYPE	OPEN / BOX
AUDIO OUTPUT	10+10W
BASS ADJUSTMENT	YES
TREBLE ADJUSTMENT	YES
SURROUND SOUND	YES
DOLBY DIGITAL	YES
DOLBY DIGITAL PLUS	YES
DOLBY AC-4	YES
AUTO VOLUME (AVC)	YES
SOUND MODES	STANDARD, CINEMA, CLEAR VOICE, CRICKET, MUSIC

## SUPPORTING CODECS

VIDEO FORMAT	ASF/WMV/AVI/MP4/M4V/ MOV/3GP/3G2/MKV/TS/TRP/ TP.MTS/MPG/MPEG/DAT/VOB	
	AUDIO FORMAT	MP3/WAV/OGG/WMA/FLAC
	PICTURE FORMAT	JPEG/JPG/JPE/PNG/BMP

## GENERAL

POWER SUPPLY	110-240V
POWER CONSUMPTION	127W
STANDBY POWER CONSUMPTION	< 0.5W

## CONNECTIVITY

<b>RF</b>	<b>NUMBER OF PORTS</b>	<b>01</b>
<b>AV</b>	<b>NUMBER OF PORTS</b>	<b>01</b>
<b>HDMI</b>	<b>NUMBER OF PORTS</b>	<b>03</b>
	<b>ARC (PORT DETAILS)</b>	<b>HDMI 2</b>
	<b>EARC (AVAILABILITY)</b>	<b>YES</b>
	<b>VERSION</b>	<b>HDMI 2.1 / HDCP 2.2</b>
	<b>NUMBER OF PORTS</b>	<b>3</b>
<b>OPTICAL OUT</b>	<b>NUMBER OF PORTS</b>	<b>1</b>
<b>COMPONENT IN</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>VGA</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>EARPHONE OUT</b>	<b>NUMBER OF PORTS</b>	<b>1</b>
<b>PC AUDIO IN</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>LINE OUT</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>MINI AV OUT</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>USB</b>	<b>VERSION</b>	<b>1.0</b>
	<b>NUMBER OF PORTS</b>	<b>2</b>
<b>COAX</b>	<b>NUMBER OF PORTS</b>	<b>NA</b>
<b>RJ45</b>	<b>AVAILABILITY</b>	<b>YES</b>
<b>BLUETOOTH</b>	<b>MAX DATA RATE</b>	<b>1 MBPS FOR BASIC RATE</b>
		<b>2,3 MBPS FOR ENHANCED DATA RATE</b>
	<b>OPERATING FREQUENCY</b>	<b>2.4GHZ</b>
<b>VERSION</b>	<b>V5.0</b>	
<b>WIFI</b>	<b>MAX DATA RATE</b>	<b>867 MBPS</b>
	<b>OPERATING FREQUENCY</b>	<b>2.4GHZ/5GHZ</b>
	<b>COMMUNICATIONS STANDARD</b>	<b>IEEE 802.11 A/B/G/N/AC</b>

## ACCESSORIES

REMOTE CONTROL UNIT	NORMAL + MAGIC REMOTE
TABLE TOP STAND	LEFT RIGHT
WALL MOUNTING BRACKETS	YES
BATTERIES	02
INSTRUCTION MANUAL	YES
SCREW SET	YES

## APPLICATIONS

INBUILT APPS	AMAZON PRIME VIDEO, NETFLIX, DISNEY+HOTSTAR, YOUTUBE, YUPP TV, UFC
VOICE ASSISTANCE	ThinQ
MULTI SCREEN INTERACTION APP	LG SCREEN CAST



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