

**65BN5EA**  
Ref: 4T-C65BN5EF2AB

# 65" 4K ULTRA HD ANDROID TV™

The 65BN5EA is a 4K Ultra High Definition LED Android TV™ with exceptional multimedia functionality.



androidtv

harman/kardon

Dolby  
VISION-ATMOS

HDR  
HIGH DYNAMIC RANGE

Active Motion  
600

Chromecast  
built-in



NETFLIX

prime video



Bluetooth

HDMI

DTS-HD

DTS  
VIRTUAL  
X

10-bit  
H.265  
HEVC



USB  
MULTIMEDIA

ACE PRO ULTRA  
Picture Processing Engine



## HIGHLIGHTS

4K Ultra HD Android TV™

HDR (High Dynamic Range)

Screen Size 164 cm (65")

Dolby Vision™ - cinema-inspired HDR

Dolby Atmos® - full 360° sound experience

HARMAN/KARDON® Speaker System

The Google Assistant

Chromecast Built-in

Bluetooth®

UHD Tuner DVB-T/T2/C/S/S2 (MPEG4 + HEVC/H.265 (10-bit))

Android Smart Ultra HD 65BN5EA provides a wide range of connection possibilities.

Android TV™ provides customers with a modern and intuitive approach to TV that provides more value than just watching content. It's an all in one, entertainment hub.

Android TV™ with the Google Assistant provides a smarter viewing experience. Quickly access entertainment, control smart devices, get answers on screen, and more using your voice.

## TV Product Features

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| Operating System                              | Android 9.0                                                                     |
| Pre-installed Apps                            | Netflix, Youtube, Google Play Movies & TV, Google Play Store, Prime Video       |
| USB Video                                     | MKV, MP4, MOV, AVI, MPG, MPEG, 3GP, 3GPP, ASF, FLV, WEBM, VOB, DAT, TS, TRP, TP |
| USB Music                                     | MP3, M4A, AAC, AC3, EAC3, DTS, WAV, FLAC, LPCM                                  |
| USB Photo                                     | JPG, JPEG, BMP, PNG, GIF, MPO                                                   |
| Media Network Streaming (Video, Photo, Music) | Yes / Yes / Yes                                                                 |
| hbbTV                                         | Yes (v 2.0.1)                                                                   |
| USB File System                               | FAT32, NTFS                                                                     |
| USB 4K Video                                  | Yes                                                                             |
| Digital Programme List                        | Yes                                                                             |
| Home Media Server                             | Yes                                                                             |
| Google Assistant With Microphone              | Yes                                                                             |
| OTA Updates                                   | Yes                                                                             |

## Display Systems

|                                 |                           |
|---------------------------------|---------------------------|
| Diagonal Screen Size Cm         | 164                       |
| Diagonal Screen Size Inch       | 65"                       |
| Panel Resolution (HxV) In Pixel | 3840x2160                 |
| Active Motion                   | 600                       |
| HDR support                     | HDR10, HLG, Dolby Vision™ |

## Audio Systems

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| Speaker                    | Full-range + silk tweeter                                      |
| Speaker power (W)          | 2x10W (8 ohm) +15W subwoofer (8 ohm)                           |
| Sound System               | BG, DK, I, L/L', MN, NICAM/A2                                  |
| Sound Settings             | Sound Equalizer                                                |
| Audio decoder              | Dolby Digital, Dolby Digital Plus, Dolby AC-4, DTS 2.0, DTS-HD |
| Sound Technology           | Harman-Kardon                                                  |
| Audio enhancement solution | DTS Virtual:X™                                                 |
| Dolby Atmos                | Yes                                                            |

## I/O Systems

|                                                        |                                                                                                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| RF Input                                               | Yes                                                                                                     |
| Satellite Input                                        | Yes                                                                                                     |
| HDMI 4K @ 60 Hz (2.0)                                  | x3                                                                                                      |
| USB                                                    | x3                                                                                                      |
| Audio out / Headphone Jack (Earphone output (3,5 mm))  | Yes                                                                                                     |
| RJ 45 (LAN - 10BASE-T/100BASE-TX)                      | x1                                                                                                      |
| Wi-Fi Max Transmitter Power                            | 100 mW at 2,412 GHz – 2,472 GHz;<br>100 mW at 5,150 GHz – 5,350 GHz;<br>100 mW at 5,470 GHz – 5,725 GHz |
| Remote Control                                         | IR+BT                                                                                                   |
| Bluetooth                                              | Yes                                                                                                     |
| SD card slot                                           | x1                                                                                                      |
| Mini Composite/CVBS+ L/R audio for Component/Composite | Yes                                                                                                     |
| Mini Component/YPbPr                                   | Yes                                                                                                     |
| Digital Optical Audio Output                           | Yes                                                                                                     |

## Video Systems

|                 |                                               |
|-----------------|-----------------------------------------------|
| TV System (ATV) | PAL, SECAM                                    |
| Video system    | HEVC/H.265 (10-bit), MPEG4/H.264, VP9         |
| TV System (DTV) | DVB-T/T2/C/S/S2 (MPEG4 + H.265/HEVC (10-bit)) |

## Power Information

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Power Requirements                       | AC 220-240V ~ 50/60Hz               |
| Power Consumption (ecomode/standard/max) | 118/155/180W                        |
| Power Consumption                        | 118,0 W                             |
| Standby Power Consumption                | <0,50 W                             |
| Safety Logo Certification                | CE (RED, RoHS, ErP), REACH/PAH/SCCP |
| Plug                                     | CE Plug                             |
| Auto Power Off                           | Yes                                 |
| AC Operated                              | Yes                                 |
| Energy Class                             | G                                   |

## Logistic Information

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Net Size (W x H x D in mm)            | 1461,7 x 850,3 x 87,2                                                                    |
| Net Size with Stand (W x H x D in mm) | 1461,7 x 904,2 x 283,0                                                                   |
| Dimension Between Stand Feet (in mm)  | 1148.1                                                                                   |
| Box Size (W x H x D in mm)            | 1637 x 1006 x 190                                                                        |
| Net Weight (kg)                       | 21                                                                                       |
| Gross Weight (kg)                     | 29.1                                                                                     |
| Packaging Content                     | Product, Remote control, 2x AAA batteries, TV stand installation pack, Quick start guide |
| VESA Standard (mm)                    | 600 x 300                                                                                |
| EAN                                   | 4974019153520                                                                            |

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Our products are mercury and lead free (mercury content 0.0%, lead content 0% )