



# CE640 4K Pro Media Player

Commercial-Grade



## One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.



### Commercial-Grade

With durable construction and ultra-sleek design, CE Labs media players are perfect for any project that requires 24/7 performance.



### APPS

CE Labs' hardware platform supports hundreds of apps. With endless possibilities we have a business solution right for you.



### 3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

## PRODUCT OVERVIEW

The CE640 is a commercial grade 4K60 digital signage media player that offers flawless 4K and live TV playback via the HDMI2.0 4K input. By allowing you to layer digital signage content and any HDMI source—even protected HDCP content—the CE640 is ideal for creating digital signage that engages, informs, and entertains.

Features include our advanced connectivity I/O package with Gigabit ethernet, Dual USB ports, Dual Wi-Fi, IR, analog/digital audio, 64GB internal Memory and GPIO (expandable GPIO connector sold separately).

## FEATURES

Show Live TV Via an HDMI Input - even protected HDCP content.

Tune in to Live Off-Air Channels via an ATSC-3/ QAM Tuner input.

Ultra-fast Gigabit ethernet. Dual-band Dual Wi-Fi for superior connectivity.

# SPECIFICATIONS

MODEL: CE640

## FEATURES

- HDMI 2.0 Input
- 4K UHD HDMI 2.1 Output
- Quad Core Processor w/Dual GPU
- 4GB DDR4 RAM
- 32GB Internal Memory
- Gigabit Ethernet
- Internal Wi-Fi w/Dual Antennas
- Real Time Clock
- HTML5 Full Support
- HDR 10 & HLG
- CESync Software
- Stereo Audio DAC
- Commercial-Grade for Optimized 24/7 play operation
- Connect interactive devices (USB/GPIO/RS-232)
- IP Streaming: play streaming media
- Live Feeds: Live data, Live Text, MRSS, Twitter, Flickr, etc.
- Mosaic Mode: multiple video zones
- Supports Custom Interactive Kiosks Applications

## VIDEO / PICTURE CODEC

- VP9 Profile-2 up to 4Kx2K@60fps
- H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
- AVS2-P2 Profile up to 4Kx2K@60fps
- H.264 AVC HP@L5.1 up to 4Kx2K@30fps
- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
- WMV/VC-1 SP/MP/AP up to 1080P@60fps
- MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
- RealVideo 8/9/10 up to 1080P@60fps
- Multiple language and multiple format sub-title video support
- Image Formats: TIFF, JPEG, GIF, PNG, WEBVTT, RokuBif, WebP

## VIDEO FORMATS

- MP4 (mp4, m4a, m4v, f4v, f4a, m4b, m4r, f4b, mov)
- MOV, WMV, WEBM, MKV, FLV, AVI, HDV, MXF, AVCHD, LXF, VOB
- 3GP (3gp, 3gp2, 3g2, 3gpp, 3gpp2), OGG (ogg, oga, ogv, ogx)
- MPEG-TS, MPEG-2 PS, MPEG-2 TS
- MPG, MP2, MPEG, MPE, MPV

## AUDIO FORMATS

- MP3, AAC, AC3, EAC3, WMA, RM, FLAC, OGG, PCM, Atmos(passthrough)
- Programmable with 7.1/5.1 down-mixing
- SPDIF supports 192KHz 16/24/32bit stereo

## I/O PORTS

- HDMI 2.1 Output Transmitter
- Gigabit Ethernet
- Locking Coaxial Power Jack, 12Vdc
- External Micro SD Socket (SDHC or SDXC)
- Dual SMA Jacks for Wi-Fi Antennas
- RS-232, 3.5mm Jack
- TOSLINK – R/L Audio, 3.5mm Jack
- USB 3.0 Type
- USB 2.0 Type
- External Reset Jack, 2.5mm
- Internal IR Receiver
- LED Indicators for Power, Status, LAN

## NETWORK

- Integrated 802.3 10/100/1000M Ethernet MAC with RGMII interface
- IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, RTP, RTSP, NTP, DNS

## ACCESSORIES

- Power Adapter, 100-240Vac 50/60Hz, 12Vdc/1500mA, EL VI, UL
- IR Remote w/2 AAA Batteries
- 2 Wi-Fi Antennas
- HDMI 2.0 High Speed Cable
- Quick Start Guide

## MISCELLANEOUS

- Dimensions (H) 0.77", (W) 7.7", (D) 4.0" / 20 x 195 x 104 mm
- Weight 0.9 lbs. / 0.4 kg
- Operating Temp & Humidity 0-40C, 80% Max Rel. Humidity
- Includes Rubber Standoff Feet
- Integrated Mounting Brackets
- Low Profile Design
- Rugged (Industrial) Cast Aluminum Chassis

## OPTIONAL FEATURES (Add-On)

- PoE+ Module, Internal
- Tuner - ATSC 1.0 / QAM
- USB Button Control Pad
- MicroSDXC Class 10 Cards (Various Capacities)

WARRANTY: \*3 year warranty, parts and labor.

Learn more about CE Labs at [www.celabs.com](http://www.celabs.com).

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