

# DE3450



Model name		DE3450		
Form Factor	Fanless & Non-venting hole design			
Dimension	W x H x D (mm)	166 x 25 x 158 mm		
	W x H x D (inch)	6.54 x 0.98 x 6.22 inch		
Volume	0.65 L			
Single Pack Weight	N.W.	0.8 kg/ 1.76 lb		
	G.W.	1.5 kg/ 3.31 lb		
CPU	Socket	CPU on board		
	Type	Support Intel Apollo lake D Quad Core J3455 (TDP>=10W),		
Chipset	CPU Build-in			
Memory	Dual Channel, DDR3L SO-DIMM x 2, 1866 MHz, up to 8GB			
Graphics	Chip	Intel HD Graphics 500		
Expansion Slot	M.2 2242 x 1 (key B for SSD) M.2 2230 x 1 (key E for WIFI)			
Audio	Type	Realtek HD Audio ALC269Q		
	Channel	Stereo		
LAN	Realtek Gigabit Ethernet RTL8111H x 2			
	10/100/1000Mbps			
Storage Bay	M.2 SSD			
Front Panel IO	USB 2.0 Port	-		
	USB3.0 Port	x 2		
	Others	RS232 DB9 x 1/ Antenna Hole x 2		
Rear Panel IO	DC Jack	x 1		
	HDMI Port	x 2 (HDMI2.0 x 1 / HDMI1.4b x 1)		
	DisplayPort	-		
	USB 2.0 Port	-		
	USB 3.0 Port	x 2		
	eSATA Port	-		
	RJ45 LAN Port	x 2		
	Legacy RS232 Serial Port (COM Port)	-		
	Audio set	Line-Out	x 1	
		Mic-In	x 1	
Upgrade for Antenna Port	-			
Kensington Security Slot	-			
Others	Extend Power SW x 1			
On Board I/O	Internal USB2.0 pin head x 2, SATA (FCC type) connector x 1			
Adapter	40W (19V, 2.1A) AC Adapter			
WatchDog Timer	1 ~ 255 SEC./ min			
Input Voltage	AC 100 ~ 240V			
Environment				
MTBF	50,000hrs			
Operating Temperature	0 ~45°C (32 ~ 113°F)			
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)			
Relative Humidity	95% RH (45°C non-Condensing)			

\*Accessories available on demand

Supports:



Windows 10 IoT



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# DE3450

Our newest AiCU technology for Easy Management & Monitoring

The DE3450 is the AOPEN design collection with eye-catching and Ultra-thin appearance. DE3450 is small, but it functions well beyond your imagination. It supports 4K2K content playback and create a more secure network environment for commercial business. The solid-state disk and fan-less design of this player ensures a first rate of performance in any challenging situation. Meanwhile, DE3450 is equipped with AOPEN latest AiCU technology, which to provide the Easy Management & Monitoring for customer.



# What is the value of AiCU



**SuperRTC**

Super RTC for enhanced schedules. To schedule power on and off for different days and times.



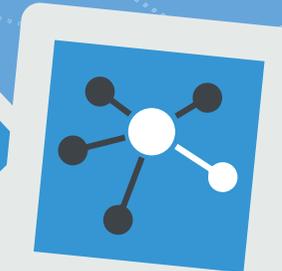
**EDID Emulator**

To read the EDID data of consumer screen to meet the advanced requirements of digital signage establishment, so that to ensure player can support the display perfectly to avoid black screen situation.



**System Data Record**

To record permanent data and information such as version, build date/location, project name and maintenance record in player for easy management.



**HDMI Signal Detection**

To detect HDMI connection status between player and screen when black screen occurs.



**IR Remote Control (Optional)**

With the optional IR Remote control, it's possible to control system power on/off, BIOS settings and even a windows hotkey. This is especially useable if the unit is located on hard to reach places.

## DE3450 Features

A value range device with UHD playback and excellent connectivity



- + Supports Ultra HD (4K2K@60p) resolution and HEVC/H.265 & VP9 high-definition video playback
- + Second HDMI port for extended video output
- + Dual Giga LAN and Dual Wifi antenna makes it a perfect solution for IOT gateway applications.
- + HDMI 2.0 for smooth video transmission quality

An ultra-thin fan-less design, which ensures durability and safety



- + Handles vibrations, shocks and fluctuating temperatures with ease, due to its fan-less design and solid-state disk (SSD)
- + Support TPM2.0, the use of validated encryption key brings extra security to your device
- + Watchdog timer for device monitoring and control

## POWER SAVING



Do power saving and have longer longevity of player.

## COMPATIBILITY



For providing a stable and reliable EDID communication.

## DATA RECORD



Easy to find the data and information via system data record.

## SIGNAL DETECT



Remote to know if HDMI cable is loosen

## CONTROL FROM DISTANCE



Non-reachable devices management for power on/off devices and BIOS setting. (Optional)