



AOPEN

Bright Ideas Connected

Digital Engine®



Cost efficient Product of 4K2K Media player

DE3450

The DE3450 is the AOPEN design collection with eye-catching, charming 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.

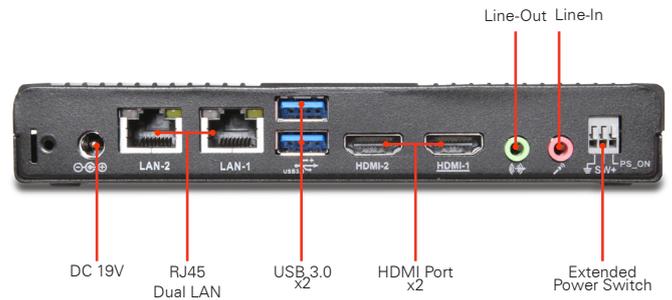
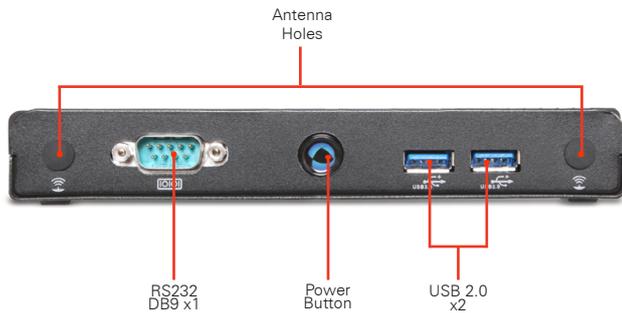
The solid-state disk and fan-less design of this player ensures a first rate of performance in any challenging situation.

A value range device with UHD playback and excellent connectivity

- + HDMI 2.0 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.

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)
- + Supports TPM2.0, the use of validated encryption key brings extra security to your device
- + Watchdog timer for device monitoring and control



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 CPU: Intel Apollo lake M Dual Core N3350 (TD-P >= 6W) Intel Apollo lake D Quad Core J3455 (TD-P >= 10W),		
Chipset		CPU Build-in		
Memory		Dual Channel, DDR3L SO-DIMM x 2, 1866 MHz, up to 8GB		
Graphics	Chip	Intel HD Graphic 500		
Expansion Slot		M.2 2242 x2 (for MCU/4G/SATA x1, for SSD x1), M.2 2230 x1 (for WIFI)		
Audio	Type	Realtek HD Audio ALC269Q		
	Channel	Stereo		
LAN		Realtek Gigabit Ethernet RTL8111H x2 10/100/1000Mbps		
Storage Bay		mSATA		
Front Panel IO	USB 2.0 Port	-		
	USB3.0 Port	x2		
	Others	RS232 DB9 x1/ Antenna Hole x2		
Rear Panel IO	DC Jack	x2 (HDMI2.0 X1 / HDMI1.4b x1)		
	HDMI Port	-		
	DisplayPort	-		
	USB 2.0 Port	-		
	USB 3.0 Port	x 2		
	eSATA port	-		
	RJ45 LAN Jack	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 x1			
On Board I/O		Internal USB2.0 pin head x2, SATA (FCC type) connector x1		
Adapter		40W (19/12V, 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:



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