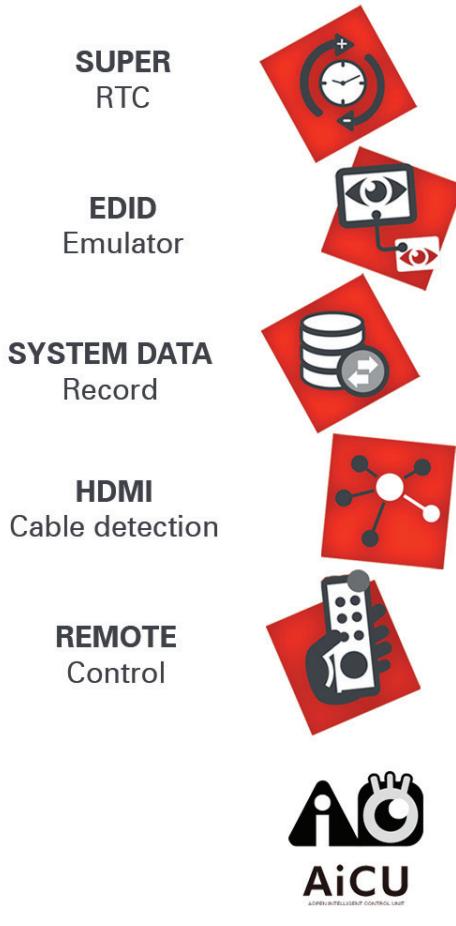




AOPEN

Bright Ideas Connected

Digital Engine®



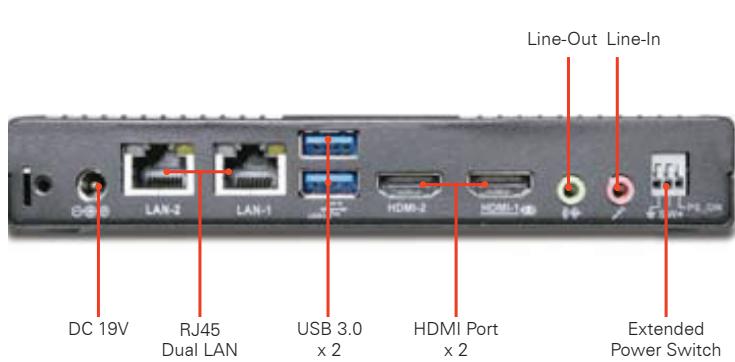
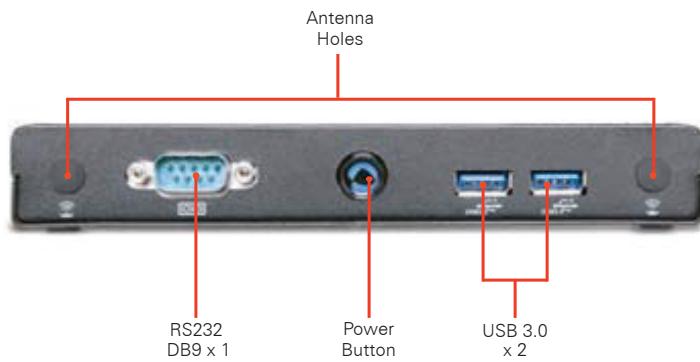
Cost effective UHD (4k) Media Player with AiCU **DE3450**

A value range device based on the reliable Intel® Quad Core Apollo Lake® Processor J3455, which is capable of running UHD playback. The DE3450 supports two Ultra HD (4K) resolution displays and HEVC/H.265 10 bit high-definition video playback. The solid-state disk and fanless design of this player ensure a first rate of performance in any challenging situation.

Features include:

- + Including the AOPEN intelligent Control Unit (**AiCU**)
- + Supports Ultra HD (4K@60p) resolution and HEVC/H.265 & VP9 high-definition video playback
- + Dual Giga LAN and Dual Wifi antenna makes it a perfect solution for IOT gateway applications.
- + Two HDMI ports (1x 2.0)
- + Support TPM2.0, the use of validated encryption key brings extra security to your device
- + Watchdog timer for device monitoring and control

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						
Adapter						
Environment						
WatchDog Timer						
Input Voltage						
MTBF						
Operating Temperature						
Storage Temperature						
Relative Humidity						

*Accessories available on demand

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Supports:



CPU:

