



AOPEN

Bright Ideas Connected

Digital Engine®



SUPER
RTC

EDID
Emulator

SYSTEM DATA
Record

HDMI
Cable detection

EDID
Emulator



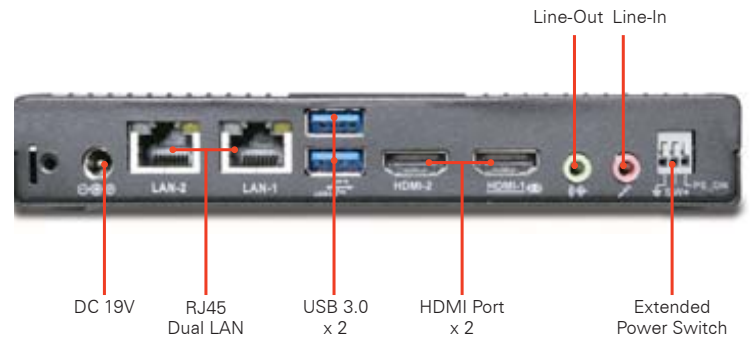
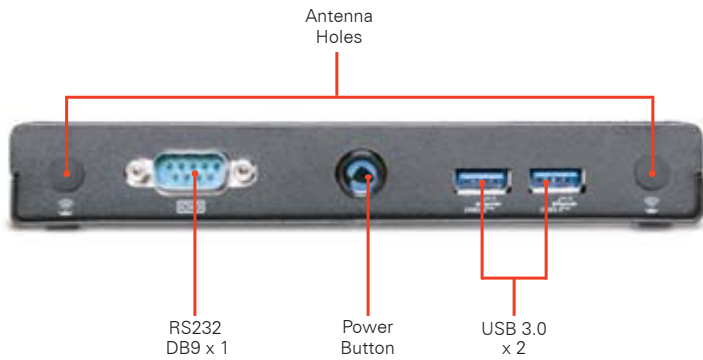
Cost effective UHD (4k) Media Player with AiCU **DE3450**

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

*Accessories available on demand

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