



## Digital Engine®



## Intel based 8K media player **DEX5750**

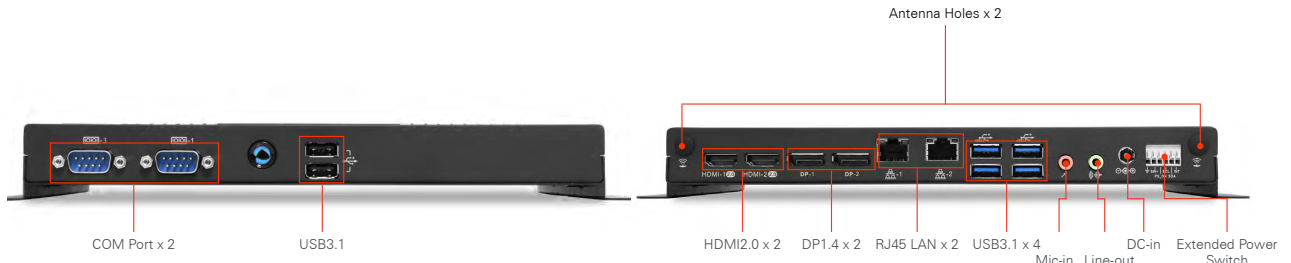
The first AOPEN Intel based system capable of supporting hardware accelerated AV1 8K playback. As if that wasn't enough, the DEX5750 has a 12 ~ 24V DC for automotive use and a legacy RS232/422/485 COM Port selectable by BIOS, making the system very suitable for automation purposes. The NVMe SSD improves boot times and increases system performance and the video outputs (2x HDMI and 2x DP) allow this system to drive 4 screens.

The DEX5750 features:

- + 11th Generation Intel® Core™ CPU, available in i3 and i5
- + Runs 1x 8K @60Hz via DisplayPort
- + TPM2.0
- + Rugged and fanless design
- + NVMe SSD



# DEX5750



Model name		DEX5750
Summary		Intel based 8K media player
Dimension	W x H x D (mm)	240 x 25 x 158 mm
	W x H x D (inch)	9.44 x 0.98 x 6.22 inch
Volume		0.95L
Weight		1.87 kgs / 4.11 lbs
CPU		11th Generation Intel® Core™ (i3, i5)
Memory	Channel	Dual Channel
	Type	DDR4 SO-DIMM x 2
	Data rate	DDR4 3200
	Max Memory	64G (based on OS Support)
Graphics	Chip	Intel® UHD (i3) Intel® Iris Xe (i5)
	Expansion Slot	
		M.2 2230 x 1, M.2 2242 x 1, M.2 2280 x 1
Audio	Type	Realtek HD Audio ALC269Q
	Channel	Stereo
LAN		Realtek Gigabit Ethernet i219LM x 1, i225LM x 1 10 / 100 / 1000 Mbps
Storage	2.5" SATA HDD	-
	M.2 SSD	x 2
TPM		2.0

Supports:



Front Panel IO	USB 2.0 Port	-	
	USB 3.0 Port	x 2 (USB3.1)	
	Others	COM Port x 2 (RS232 x 1, RS232 / 422 / 485 x 1)	
Rear Panel IO	DC Jack	x 1 (12 ~ 24V)	
	HDMI Port	x 2 (HDMI2.0)	
	USB 2.0 Port	-	
	USB 3.0 Port	x 4 (USB3.1)	
	eSATA Port	-	
	RJ45 LAN Jack	x 2	
	Display Port	x 2 (DP1.4)	
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Holes	x 2	
	Kensington Lock Hole	-	
COM Port	-		
Others	Extended Power Switch x 1		
CPU Thermal Module		AOPEN Fanless Design	
WatchDog Timer		1 ~ 255 SEC./min	
Adapter		90W / 19V / 6.32A Adapter	
Input Voltage		AC 100 ~ 240V	
Warranty		2 Years	
<b>Environment</b>			
MTBF		50.000 hrs	
Operating Temperature		-20 ~ 45°C (-4 ~ 113°F)	
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)	
Relative Humidity		90% RH (45° non-condensing)	

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