



# AOPEN

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## Digital Engine®



## Slim & Robust 8K Media Player DEX5750

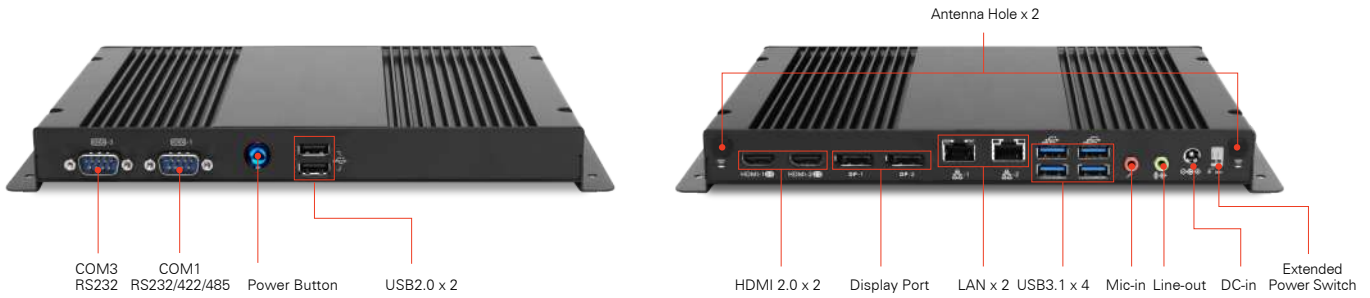
The DEX5750 is a fanless design computer with 4-screen output; support 11th Gen Intel® Core™ processors deliver a balance of performance and responsiveness in a low-power platform built on our third-generation 10nm process technology. With new Intel® Iris® Xe graphics, the platform offers up to 2.95 times faster graphics performance. Furthermore, the latest AOPEN intelligent Control (AiCU) design in by default. This feature provides an easy management tool that can monitor and control the device. The DEX5750 is a perfect solution for digital applications and has no issues running in tough, greasy or dusty environments.

The DEX5750 features:

- + 11th Generation Intel® Core (available in i3, i5)
- + DDR4 dual channel memory, up to 64GB (based on OS support)
- + Supports DP 8K HDR resolution (7680 x 4320@60Hz) displays
- + 4-screens output player
- + Supports HEVC/H.265 video playback
- + Support -20°C (-4°F) operating temperature
- + Support AOPEN AiCU-OOB technology (optional)



# DEX5750



Model name		DEX5750
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 / 4.12 lbs
CPU	Socket	CPU on board
	Type	Intel® 11th Gen Tiger Lake UP3 TDP=15W
Chipset	Type	-
Memory	Channel	Dual Channel
	Type	DDR4 SO-DIMM x 2
	Data rate	3200
	Max Memory	64GB
Graphics	Chip	Intel® Iris Xe Graphics
Expansion	Mini card	-
	Mini card half size	-
	M.2 2230	x 1
	M.2 2242	x 1
	M.2 2280	x 1
Audio	Type	Realtek HD Audio ALC897
	Channel	Stereo
LAN		Intel® 2.5GLAN x 1 (i225LM) Intel® GIGA LAN x 1 (i219LM)
		100/1000/2500 Mbps
Storage Bay	2.5" SATA HDD	-
	M.2 SSD	x 2

Front Panel I/O	USB 2.0 Port	x 2	
	USB 3.1 Port	-	
	Others	RS232 x1, RS232/422/485 x1	
Rear Panel I/O	DC Jack	12/24V, 5525 x 1	
	HDMI 2.0 Port	x 2	
	USB 2.0 Port	-	
	USB 3.1 Port	x 4	
	eSATA Port	-	
	RJ45 LAN Jack	x 2	
	Display Port	x 2	
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Holes	x 2	
	Kensington Lock Hole	-	
	COM Port	-	
	Others	Extend power SW x 1	
CPU Thermal Module		AOpen Thermal Module	
WatchDog Timer		1 ~ 255 SEC./ min	
Adapter		90W (19V, 4.74A) AC Adapter	
Input Voltage		AC 100 ~ 240V	
Environment			
MTBF		50,000hrs	
Operating Temperature		-20 ~ 45°C (-4 ~ 113°F)	
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)	
Relative Humidity		90% RH (60°C non-Condensing)	

Supports:



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