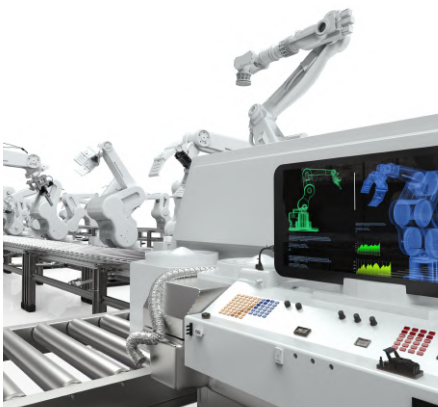




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Digital Engine



Rugged design for industrial applications in harsh environments

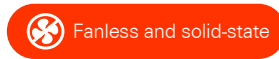
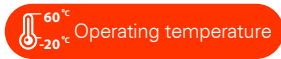
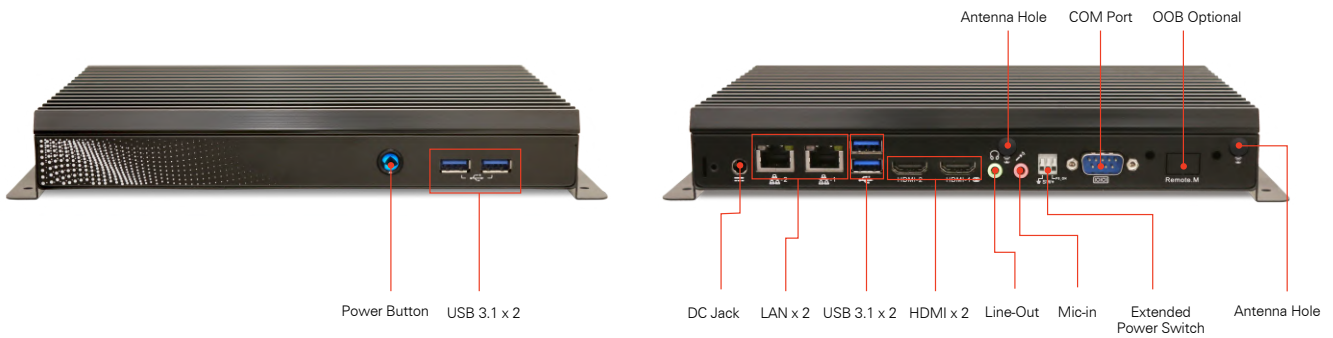
DEX3450-W

The DEX3450-W is a fanless Industrial computer with Intel® Apollo lake D CPU Quad Core CPU and up to 8GB of DDR3L memory with a low-voltage input. This industrial PC has a wide operating temperature range of -20°C ~ 60°C and a storage temperature of -30°C ~ 70°C. The DEX3450-W has rich I/O suitable for industrial control application & harsh environment, high reliability and quality design are good for 24/7 operation.

The DEX3450-W features:

- + Supports Intel® Apollo Lake processor and 1.35V DDR3L low-voltage memory with a maximum capacity up to 8GB
- + Fanless and no venting hole design, go with M.2 SSD to become a no spindle system it can improve the product reliability
- + Supports TPM2.0 compliant for best data security
- + Supports 4K2K UHD resolution 3840x2160@60Hz content playback

DEX3450-W



Model name		DEX3450-W
Dimension	W x H x D (mm)	240 x 35 x 158 mm
	W x H x D (inch)	9.44 x 1.38 x 6.22 inch
Volume		1.33L
Weight		1.82 kgs /4.00 lbs
CPU	Socket	CPU on board
	Type	Intel® Apollo lake D Quad Core J3455 (TDP>=10W)
Chipset	Type	-
Memory	Channel	Dual Channel
	Type	DDR3L SO-DIMM x 2
	Data rate	1866
	Max Memory	8G (based on OS support)
Graphics	Chip	Intel® HD Graphics 500
Expansion	Mini card	-
	Mini card half size	-
	M.2 2230	x 1
	M.2 2242	x 2
	M.2 2280	-
Audio	Type	Realtek HD Audio ALC269Q
	Channel	Stereo
LAN		Realtek Gigabit Ethernet RTL8111H x 2
		10/100/1000Mbps
Storage Bay	2.5" SATA HDD	-
	M.2 SSD	x 1

Front Panel I/O	USB 2.0 Port	-	
	USB 3.1 Port	x 2	
	Others	-	
Rear Panel I/O	DC Jack	x 1	
	HDMI 2.0 Port	x 2 (HDMI2.0 x 1, HDMI1.4b x 1)	
	USB 2.0 Port	-	
	USB 3.1 Port	x 2	
	eSATA Port	-	
	RJ45 LAN Jack	x 2	
	Display Port	-	
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Holes	x 2	
	Kensington Lock Hole	-	
	COM Port	x 1	
	Others	x 1 (Extend power SW)	
CPU Thermal Module	AOPEN Fanless design		
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 ~60°C (-4 ~ 140°F)		
Storage Temperature	-30 ~ 70°C (-22 ~ 158°F)		
Relative Humidity	90% RH (60°C non-Condensing)		

Supports:



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