

Robust & High Performance For Industrial Applications IPC

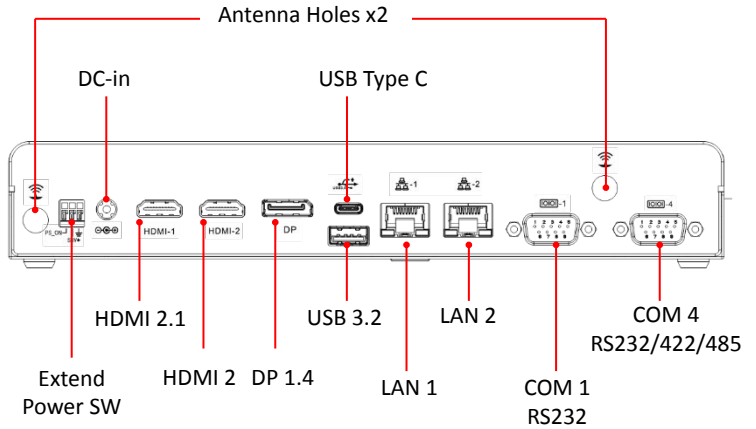
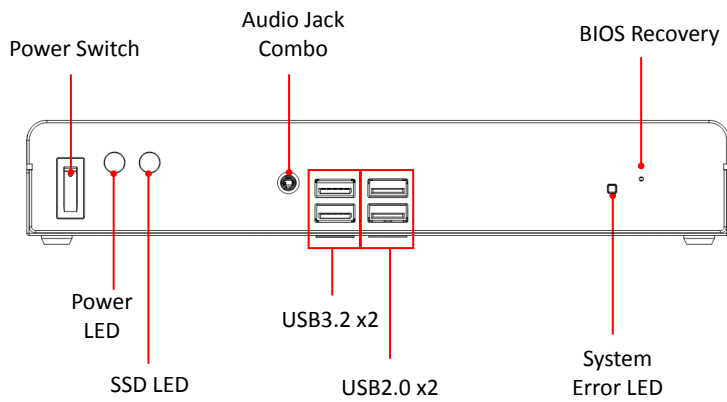
Fanless | Ventless | DDR5 Memory

DEX5950

DEX5950 is a tough, fanless industrial PC that can drive up to four independent displays. It's powered by a 13th-Gen Intel® Core™ processor and comes with a COM port, USB 3.2, and two LAN ports. The fanless design makes it a great fit for dusty or greasy environments, and it's built for digital signage across transportation hubs, smart factories, and quick-service restaurants (QSR).

- Support Intel® 13th Core-i CPU, TDP<=15W
- Fanless, ventless design
- High Performance System Architecture for Computationally Intensive AI Reasoning and Workloads
- Intel® Iris® Xe Graphics Processing for 2.95x faster image processing performance
- Supports Intel® OpenVINO™ Developer Kit
- Support DDR5 memory
- Support HDMI2.1 4K (3840x2160@120Hz) HDR & DisplayPort 1.4 8K (7680x4320@60Hz) HDR playback and 4-screen output

DEX5950



Model name		DEX5950
Color		Black
Dimensions	W x H x D (mm)	240 x 39.5 x 158 mm
	W x H x D (inch)	9.44 x 1.56 x 6.22 inch
Weight	Net Weight	1.63 kgs / 3.59 lbs
	Gross Weight	1.96 kgs / 4.32 lbs
CPU	Type	Intel® 13 th Core-i (i3,i5,i7) Processor TDP<=15W
Memory	Channels	Dual Channel
	Type	DDR5 SO-DOMM x1
	Data Rate	4800 / 5200 MHz
	Max Memory	Max 32G
Graphics		Intel® Iris Xe Graphics
Expansion slot		M.2 slot x1, 2242 (key B for 4G/PCIe SSD) M.2 slot x1, 2280 (key M for PCIe/SATA SSD) M.2 slot x1, 2230 (key E for wifi)
Audio	Type	Realtek HD Audio ALC256CG
	Channel	Stereo
LAN	Chip	Intel® 2.5GLAN x2 (i226)
	Speed	100 / 1000 / 2500 Mbps
Storage	2.5" Bay	-
	M.2 SSD	X 2

Supports



AOPEN America
San Jose,
USA

Front Panel I/O	USB 2.0 Port	X 2	
	USB 3.2 Port	X 2	
	Power Switch	X 1	
	Others	Power LED x1, HDD LED x1, System Error LED x1, Audio Combo x1, BIOS Recovery x1	
Rear Panel I/O	DC Input	X 1 (12~36V)	
	HDMI Port	X 1 (HDMI 2.1); x1 (HDMI 2.0)	
	USB Port	X1 (USB3.1 Gen 2)	
	DisplayPort	DP1.4 X1	
	eSATA Port	-	
	RJ45 LAN Jack	X 2	
	COM Port	X2 (RS232 x1; RS232/422/485 x1)	
	Audio Set	Line-Out	-
		Mic-in	-
		Antenna Holes	X 2
	Kensington Lock Hole	-	
	Others	USB Type C x 1w/DP Extended Power Switch x1	
Watchdog Timer		1 ~ 255 sec/min	
TPM		2.0	
Power Supply		90W(19V, 4.74A) AC Adapter	
Input Voltage		AC 100 ~ 240V	
Warranty		2 Years	
Operating Temperature		-20 ~ 45°C (-4 ~ 113°F)	
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)	
Relative Humidity		90% RH (45°C non-Condensing)	

*Please note that product specifications are subject to change without notice