



# AOPEN

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## Digital Engine®



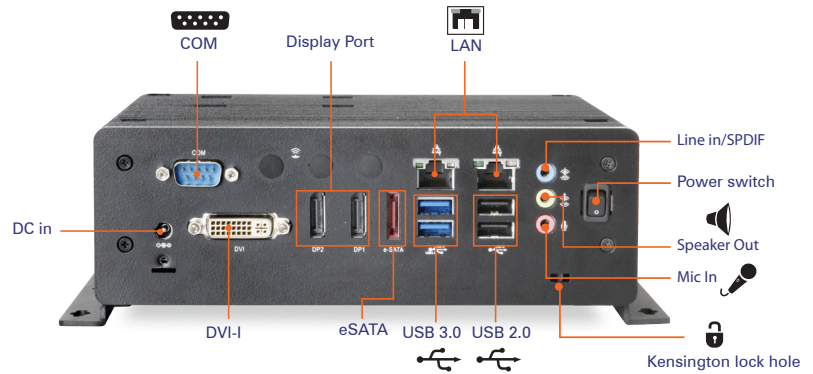
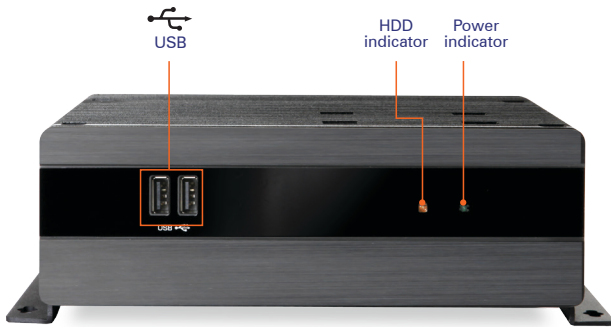
## Infallible Computing in Critical Environments **DEX7150**

A fanless computing device designed for vigorous or highly sensitive environments where digital information displays, medical appliances, POS or kiosks are running. Thanks to its fanless design the system is very quiet, reliable and flexible as to their location.

The innovative design of the DEX7150 provides:

- + Support for up to three independent (Full HD) displays
- + A unique thermal architecture
- + Ultra reliable fanless hardware with 24/7 operability
- + Energy efficient green computing
- + Long life cycle

# DEX7150



Model name		DEX7150
<b>Feature</b>		Fanless design to support Intel® Ivy bridge CPU Supports 3 independent displays
<b>Housing Material</b>		SECC/ Aluminum
<b>Dimension</b>	W x H x D (mm)	200x 65 x 200mm
	W x H x D (inch)	7.87 x 2.56 x 7.87inch
<b>Volume (liters)</b>		2.6L
<b>Weight (Kg/Pound)</b>		2.67 kg / 5.89 lbs (N.W.)
<b>Form Factor</b>		mini-ITX
<b>CPU</b>	Socket	Socket G2/rPGA988B
	Type	Supports Intel® Ivy Bridge mobile CPU , TDP≤35 watt Supports Intel® Sandy Bridge mobile CPU, TDP≤35 watt
<b>Chipset</b>		Intel® QM77 chipset
<b>Memory</b>	Channels	Dual Channel
	Type	DDRIII SO-DIMM x 2
	DDR	1333/1600Mbps
	Max Memory	16G (based on OS support)
<b>Graphics</b>	Chip	Supports Intel® HD graphic 4000 (embedded on Ivy Bridge CPU) Supports Intel® HD graphic (embedded on Ivy bridge CPU, Intel Pentium 2020M) *GPU depends on CPU
<b>Audio</b>	Type	Realtek HD Audio Codec ALC662
	Channels	5.1 CH
<b>Expansion</b>	Mini Card Slot	Full size x1/Half Size x1 (supports mSATA/SATA III)
		Optional modules available for 3G/4G/Wi-Fi
<b>LAN</b>		Intel® Gb Ethernet - 82583V Intel® Gb Ethernet - W82579LM
		10/100/1000Mbps
<b>Storage</b>	SATA Connector	x 1 (2.5" SATA HDD)
	mSATA	x 1

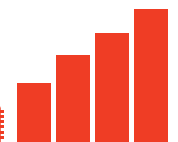
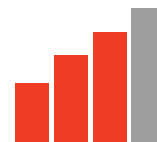
<b>Security</b>	Trusted Platform Modules(TPM v 1.2)	SLB9635TT1.2V1.03
	Kensington Lock Hole	x 1 (Rear)
<b>Front Panel IO</b>	HDD indicator (Orange)	x 1
	Power indicator (Green)	x 1
	USB2.0 Port	x 2
<b>Rear Panel IO</b>	DC Jack	x 1
	Power Button	x 1
	DVI Port	x 1
	VGA Port	x 1 (via DVI to VGA converter)
	Display Port	x 2
	USB 2.0 Port	x 2
	USB 3.0 Port	x 2
	Legacy RS232 Serial Port (COM Port)	x1
	eSATA	x1
	LAN	x2
<b>WatchDog Timer</b>		1 ~ 255 SEC./min
<b>Adapter</b>		90W (19V, 4,74A) AC Adapter
<b>Input Voltage</b>		AC 100~240V/DC 12/19V
<b>Environment</b>		
<b>MTBF</b>		40,000hrs
<b>Operating Temperature</b>		-5 ~40°C (23 ~ 104°F)
<b>Storage Temperature</b>		-20 ~ 60°C (-4 ~ 140°F)
<b>Relative Humidity</b>		90% RH (40°C non-Condensing)
<b>Operating Vibration</b>		0.5Gms,Random,10~500Hz,X,Y,Z 3 Axes,0.5hr/Axis
<b>Non-Operating Vibration</b>		2Gms,Random,10~300Hz,X,Y,Z 3 Axes,1hr/Axis

Supports:



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\*Accessories available on demand

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