



AOPEN

an Acer Group Company

Digital Engine®



Rugged & Compact

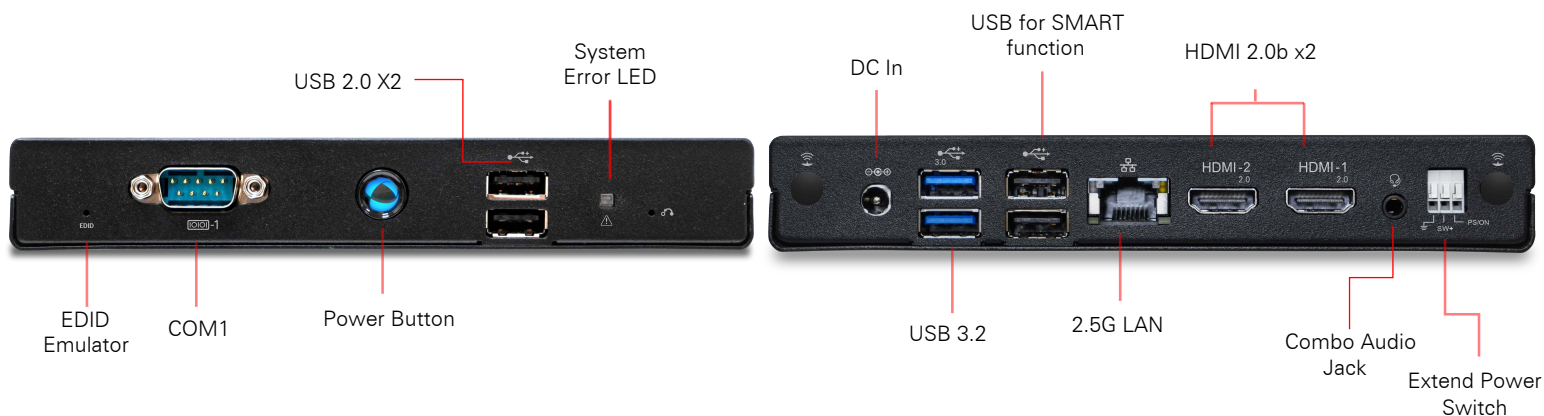
Fanless | HW EDID Emulator | Slim Type

DE3129

A compact and potent Intel® Processor Mini PC. The first Digital Engine that comes with a controllable hardware EDID emulator. Equipped with DDR5 memory for faster and more efficient performance, Intel UHD Graphics Gen12, and versatile connectivity options. Its fanless, solid-state design ensures consistent performance across various scenarios, including supermarkets, pharmacies, corporate environments, and beyond.

- Intel® Processor N-series N100
- Supports -20 ~40°C operating temperature
- DC input 12 ~ 24V for automotive applications
- Integrated Intel® UHD Graphics Gen12
- Fanless design TPM2.0
- EDID Emulator
- Supports UHD resolution and HEVC/H.265 & VP9

DE3129



Dimension	W x H x D (mm)	166 x 25 x 158 mm
	W x H x D (inch)	6.54 x 0.98 x 6.22 inch
Volume		0.65L
Weight		0.8 kgs / 1.76 lbs
CPU	Socket	CPU on board
	Type	Intel® Processor N-series N100 TDP=6.5W
Chipset		-
Memory	Channel	Single Channel
	Type	DDR5 SO-DIMM x 1
	Data rate	4800
	Max Memory	16G
Graphics	Chip	Intel UHD Graphics Gen12
Expansion Slot		M.2 slot x1, 2280 (key M for SATA/PCIe SSD) M.2 slot x1, 2230(key E for WIFI)
Audio	Type	Realtek HD Audio ALC897
	Channel	Stereo
LAN		Intel 2.5GLAN x 1 (i226V)
		100/1000/2500 Mbps
Storage Bay	2.5" SATA HDD	-
	M.2 SSD	x 1

Front Panel I/O	USB 2.0 Port	x 2	
	USB 3.2 Port	-	
	Others	Power Button x 1, System error LED x 1, RS232 x 1 EDID Emulator x 1	
Rear Panel I/O	DC Jack	12~24V, 5525 x 1	
	HDMI 2.0 Port	x 2	
	USB 2.0 Port	x 2	
	USB 3.2 Port	x 2	
	eSATA port	-	
	RJ45 LAN Jack	x 1	
	DisplayPort	-	
	Audio Set	Line-Out	-
		Mic-In	-
		Antenna Holes	x 2
	Kensington Lock Hole	-	
	COM Port	-	
	Others	Combo audio jack x 1 Extend power SW x 1	
CPU Thermal Module		AOPEN Thermal Module	
Watchdog Timer		1 ~ 255 SEC./ min	
Adapter		40W (19V, 2.1A) AC Adapter ADP-40KD BBZ P/N: 90.DEF57.0010	
Input Voltage		AC 100 ~ 240V	
Warranty		2 Years	
Environment			
MTBF		50,000hrs	
Operating Temperature		-20 ~ 40°C (-4 ~ 104°F)	
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)	
Relative Humidity		90% RH (35°C non-Condensing)	

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

Supports



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