



Rugged & Compact

Fanless | Slim Type | 4K@60Hz

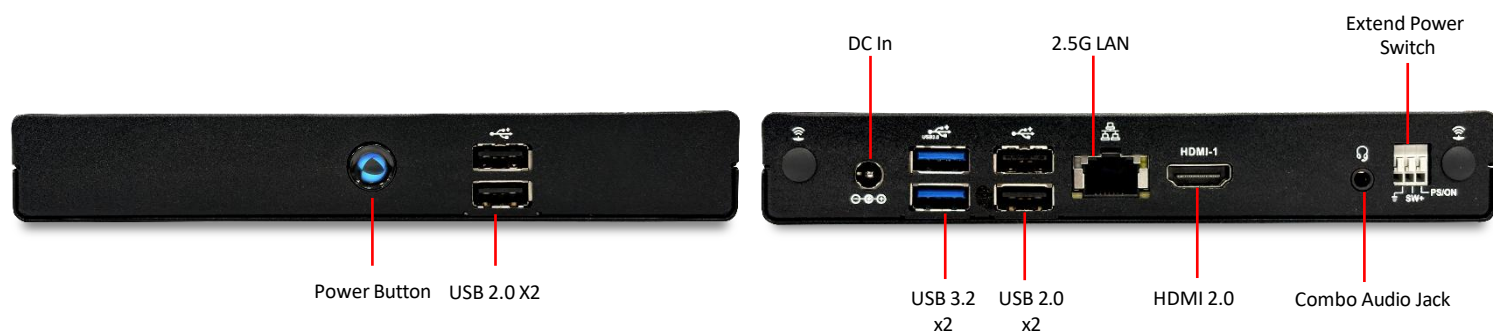
DE3129-S

The DE3129-S is a slim-type, fanless industrial PC (IPC) powered by the Intel® N100 Processor. It supports 4K UHD playback, operates reliably in -20°C to 45°C environments, and features Intel® PTT TPM 2.0 for enhanced security. Its fanless, solid-state design ensures silent operation, reduced maintenance, and improved durability. With its compact form factor and wide 12–24V DC input, the DE3129-S is ideal for space-constrained deployments in the retail and social recreation markets, including kiosks, digital signage, and interactive displays.

- Supports Intel® N 100 Processor, TDP=6W
- Supports UHD(4K, 3840x2160@60Hz) content playback
- Supports -20°C ~45°C operating temperature
- Fanless and solid-state design
- Supports Intel® PTT TPM2.0
- DC input 12 ~ 24V for automotive applications



DE3129-S



Model name		DE3129-S
Feature		Fanless and Slim
Color		Black
Dimensions	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		0.65 L
Weight		0.8 kgs / 1.76 lbs
CPU	Type	Intel® N 100 Processor, TDP=6W
Memory	Channels	Single Channel
	Type	DDR5 SO-DOMM
	Data Rate	4800 MHz
	Max Memory	Max 16GB
Graphics		Intel® UHD Graphic Gen12
Expansion slot		M.2 2230 x 1 (key E for Wifi) M.2 2280x1 (key M for SATA SSD/PCIe SSD)
Audio	Type	Realtek HD Audio Codec ALC897
	Channel	Stereo
LAN	Chip	Intel 2.5G LAN x1 (i226V)
	Speed	100 / 1000 / 2500 Mbps
Storage	2.5" Bay	-
	M.2 SSD	X 1

Supports



Front Panel I/O	USB Port	X 2 (2.0 Port)
	Power Button	X 1
	Others	-
Rear Panel I/O	DC Input	X 1 (12~24V)
	HDMI Port	X 1 (HDMI 2.0)
	Display Port	-
	USB Port	X4 (USB2.0 x2, USB3.2 x2)
	eSATA Port	-
	RJ45 LAN Jack	X 1
	COM Port	-
	Antenna Holes	X 2
	Kensington Lock Hole	-
	Others	Combo Audio Jack x1, Extend Power SW x1
Watchdog Timer		1 ~ 255 sec/min
Adapter		45W (19V, 2.37A) AC Adapter
Input Voltage		AC 100 ~ 240V
Warranty		2 Years
Environment		
MTBF		50,000 hrs
Operating Temperature		-20°C ~ 45°C (-4°F ~ 113°F) with 0.5m/s air flow
Storage Temperature		-30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity		90% RH (35°C Non-Condensing)

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



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