



Small & Rugged IPC

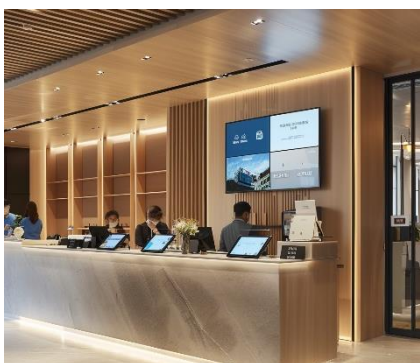
Fanless | Wide Temp | Rich Connectivity

DEM3127

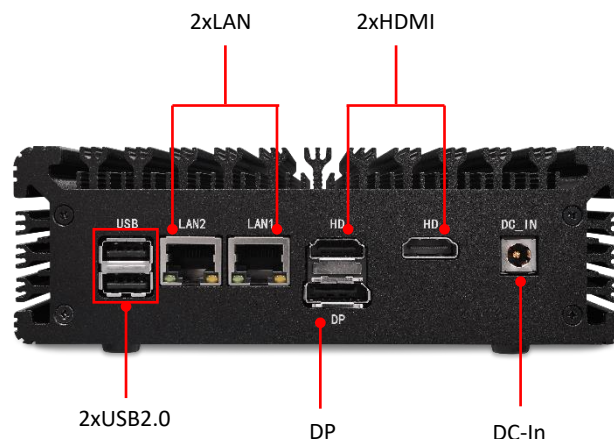
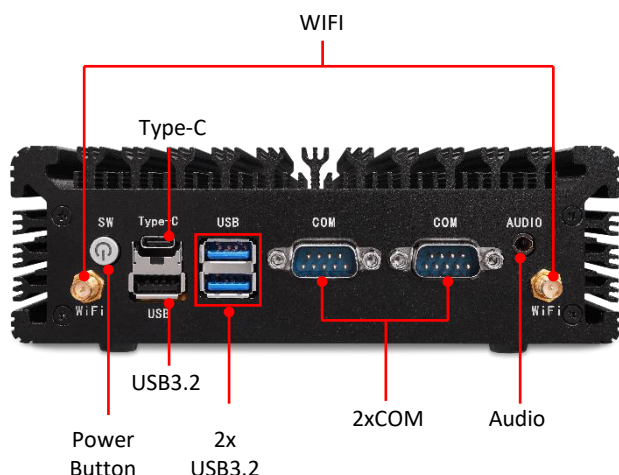
This high-performance, reliable embedded industrial computer features Intel® Alder Lake-N processors (supporting N100, i3-N305, and x7425E) for exceptional computing power and energy efficiency. Its fanless design with an SSD ensures quiet and stable operation. Supporting triple display with two HDMI and one DP output, it's ideal for digital signage applications.

With 6 USB ports, 2 HDMI, 1 DP, 2 2.5G LAN, and 2 RS232 ports, it offers versatile connectivity for industrial automation and Edge IoT. Perfect for retail signage or industrial IoT deployments, it delivers stable and efficient support for smart applications.

- Supports Intel® Alder Lake-N N100/i3-N305/x7425E CPU
- Fanless system and solid-state drive design
- Supports triple display, 2 x HDMI and 1 x DP
- Supports 260-pin SO-DIMM, DDR4 3200MHz memory, up to 16GB
- Industrial application I/O interfaces: 6x USB, 2x HDMI, 1xDP, 2 2.5G LAN, 2x RS232
- Wide temperature operating system 0°C ~ 55°C (32°F ~ 131°F)



DEM3127



Model		DEM3127
Color		Black
Dimension	W x H x D (mm)	163.3 x 53 x 125.5 mm
	W x H x D (inch)	6.43 x 2.09 x 4.94 inch
Weight	Net Weight	1.45kg / 3.19 lb
	Gross Weight	1.65 kg / 3.63.49 lb
CPU	Type	Intel® Alder Lake-N Cor™ Processors N100/i3-N305, TDP<=15W
Memory	Channels	Single Channel
	Type	DDR4 SO-DOMM x1
	Data Rate	3200 MHz
	Max Memory	Max 16GB
Graphics		Intel® UHD Graphics Gen12
Expansion Slot		M.2 slot x1, 2280 (key M for PCIe2/SATA SSD) M.2 slot x1, 2230(key E for wifi) Mini PCIe x1
Audio	Type	Realtek HD Audio
	Channel	Stereo
LAN		Intel® 2.5 Giga LAN x2 100/1000/2500Mbps
Storage Bay	2.5" SATA HDD	-
	M.2 SSD	M.2 2280 SATA SSD x1

Front Panel I/O	USB 3.2 Gen1 (Type A)	x 3
	USB Type C	x 1
	Combo Audio	x 1
	COM Port (RS232)	x 2
	Power Button	x 1
	Others	WiFi Antenna x2 (optional)
Rear Panel I/O	DC Jack	DC 12V Input
	HDMI	x 2
	DisplayPort	x 1
	USB 2.0 (Type A)	x 2
RJ45 LAN Jack		x 2 (2.5G)
Water Dog Timer		-
Adapter		60W (12V) AC Adapter
Input Voltage		AC 100 ~ 240V
Operating Temperature		0°C ~ 55°C (32°F ~ 131°F)
Storage Temperature		-20°C ~ 70°C (-4°F ~ 158°F)

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

Supports



AOPEN

AOPEN Headquarter
New Taipei City,
Taiwan

AOPEN America
San Jose,
USA

AOPEN Europe
's-Hertogenbosch,
Netherland

AOPEN Australia
Melbourne,
Australia

AOPEN Japan
Tokyo,
Japan

AOPEN China
Shanghai,
China

v1.0