AOPEN

Digital Engine®



DEN5134-H5

Mini IPC for Multi-Screen Signage

Mini Size | 4-Display Output | 4K Content Playback

- **High-Performance Inter® Core™ platform**
  Supports Intel® 12th/13th/13 Refresh U/H series Core™ processors for smooth 4K signage, interactive kiosks, and edge applications
- **Four-display 4K output**
  Drives up to 4 display via 2xHDMI 2.1, 2xDP(Type-C) for multi-screen signage
- **Rich high-speed I/O connectivity**
  Multiple USB 3.2 Gen2 and Type-C ports enable easy integration with touch, cameras, and peripherals
- **Up to 128GB DDR5 memory**
  Ensures stable, responsive performance for 24/7 commercial and software workloads
- **Enterprise-grade security**
  Intel PTT with TPM2.0 support for secure boot and data protection in public environments
- **Ultra-compact, installation-friendly design**
  Mini chassis fits behind displays or inside kiosks for space-limited deployments

Applications



Retail In-Store Signage



Transportation Signage

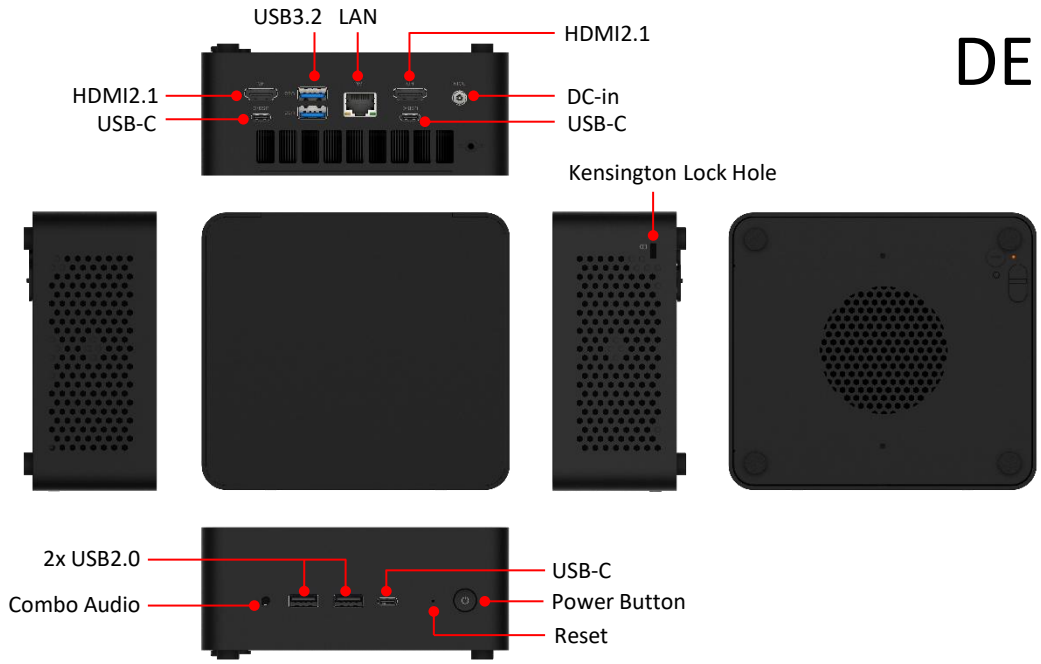


Digital Menu Board



Interactive Kiosk

DEN5134-H5



Model name		DEN5134-H5
Color		Black
Dimensions	W x H x D (mm)	136 x 55 x 123 mm
	W x H x D (inch)	5.35 x 2.17 x 4.84 inch
Weight	Net Weight	1.22 kgs / 2.68 lbs
	Gross Weight	1.53 kgs / 3.37 lbs
Volume		0.92 L
CPU	Type	Intel® 12th /13th /13 refresh Gen U/H series Core™ Processor, TDP<=55W
Memory	Channels	Dual Channel
	Type	DDR5 SO-DOMM x2
	Data Rate	Up to 5600 MHz
	Max Memory	Max 128GB
Graphics		Intel® UHD Graphic
Expansion slot		M.2 2280 x1 (key M for NVMe SSD) M.2 2242 x 1 (key B for SATA SSD) M.2 2230 x1 (key E for WiFi)
Audio	Type	Realtek HD Audio Codec
LAN	Chip	Intel 2.5G LAN 226V
	Speed	10/100/1000/2500 Mbps
Storage		SSD (Up to 2TB)
On Board I/O		N/A

Supports

Front Panel I/O	USB 2.0 Port	X 2
	USB 3.2 Port	-
	Others	Combo Audio X1, Power Button X1, USB-C X1(data only), Reset SW X1
Rear Panel I/O	DC Input	19V X1 (with 19V/120W power adaptor)
	HDMI 2.1 Port	X 2 (4096x2106@60Hz)
	Type C	X2 TBT4
	USB 2.0 Port	-
	USB 3.2 Port	X 2 (Gen2, Type A)
	RJ45 LAN Jack	X 1 (2.5GbE)
	COM Port	-
	Antenna Holes	-
	Kensington Lock Hole	X 1 (right side)
Watchdog Timer		-
TPM		Intel® PTT TPM2.0
Adapter		120W (19V, 6.3A) AC Adapter
Input Voltage		AC 100 ~ 240V
Warranty		1 Years

Environment	
MTBF	50,000 hrs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Relative Humidity	90% RH (40°C Non-Condensing)

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

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