AOPEN

Digital Signage Player



DE3139

Compact 4K Digital Signage Player

Dual 4K Display | EDID Emulation | Fanless Design

DE3139 is a slim fanless media player designed for digital signage and commercial display deployments. Featuring dual HDMI 2.0 outputs with 4K60 support, built-in EDID emulation, and certified DRM technologies including PlayReady SL3000 and Widevine L1, it enables reliable content playback across a wide range of display applications. Its 25mm slim-profile, ventless design and long-life Intel® Twin Lake platform make it suitable for continuous operation in display-centric environments.

- Intel® Twin Lake N150 Processor
- Dual HDMI 2.0 Outputs with 4K60 Support
- EDID Emulation Technology
- PlayReady SL3000 & Widevine L1 Support
- Fanless & Ventless Design
- 25mm Slim Profile Chassis
- 2.5GbE LAN & RS232 Connectivity
- Hardware 4K Media Decoding
- Windows 11 LTSC Support
- DDR5 Memory Support up to 16GB

Applications



Digital Signage



Digital Menu Board

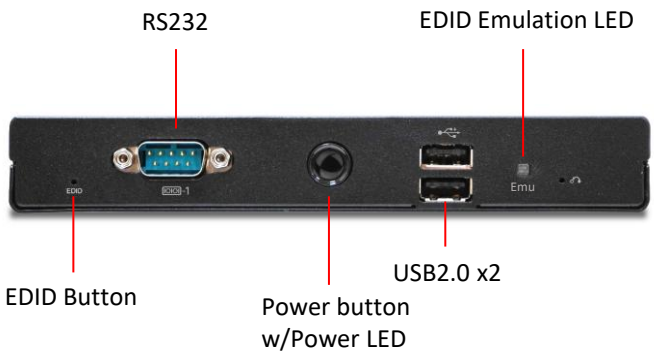


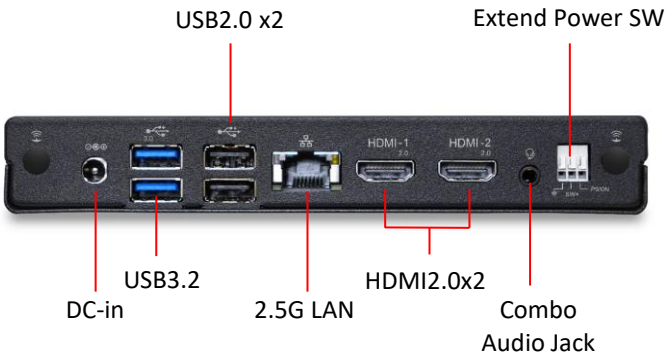
Self-Service Kiosk



Manufacturing Dashboard

DE3139





Model		DE3139
Color		Black
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
Weight	Net Weight	1.3 kg / 2.86 lb
	Gross Weight	1.58 kg / 3.48 lb
CPU	Type	Intel® Twin Lake Quad Core Processor N150 (TDP<=6W)
Memory	Channels	Single Channel
	Type	DDR5 SO-DIMM x1
	Data Rate	4800MT/s
	Max Memory	Max 16GB
Graphics		Intel® Graphics
Expansion Slot		M.2 slot x1, 2280 (key M for SATA/PCIe SSD) M.2 slot x1, 2230 (key E for WiFi, didn't support CNVi)
Audio	Type	Realtek HD Audio CODEC ALC897
	Channel	Stereo
LAN		Intel® 2.5 Giga LAN (i226V)
Storage Bay	2.5" SATA HDD	-
	M.2 SSD	M.2 2280 SATA/PCIe SSD x1

Front Panel I/O	Power Button	x 1 (with power/HDD LED)
	USB 2.0	x 2
	EDID Emulation Button	x 1
	EDID Emulation Status LED	x 1
	Others	DB9 RS232 x1
Rear Panel I/O	DC Jack	DC 12~24V Input (with 45W power adaptor)
	HDMI 2.0	x 2 (3840x2160@60Hz)
	USB 2.0	x 2
	USB 3.2 Gen2	x 2
	RJ45 LAN Jack	x 1 (2.5GbE)
	CTIA Combo HD Audio	x 1 (Speaker out & Mic in)
	WiFI antenna Hole	x 2
	Extend Power Switch	x 1
	Kensington Lock Hole	-
	Others	-
Watchdog Timer		1~255 sec/min
Adapter		45W (12~24V) AC Adapter
Input Voltage		AC 100 ~ 240V
Operating Temperature		-20 ~ 45°C(-4 ~ 113°F)
Storage Temperature		-30 ~ 60°C (-22 ~ 140°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 Sydney, Australia
AOPEN Japan Tokyo, Japan
AOPEN China Shanghai, China