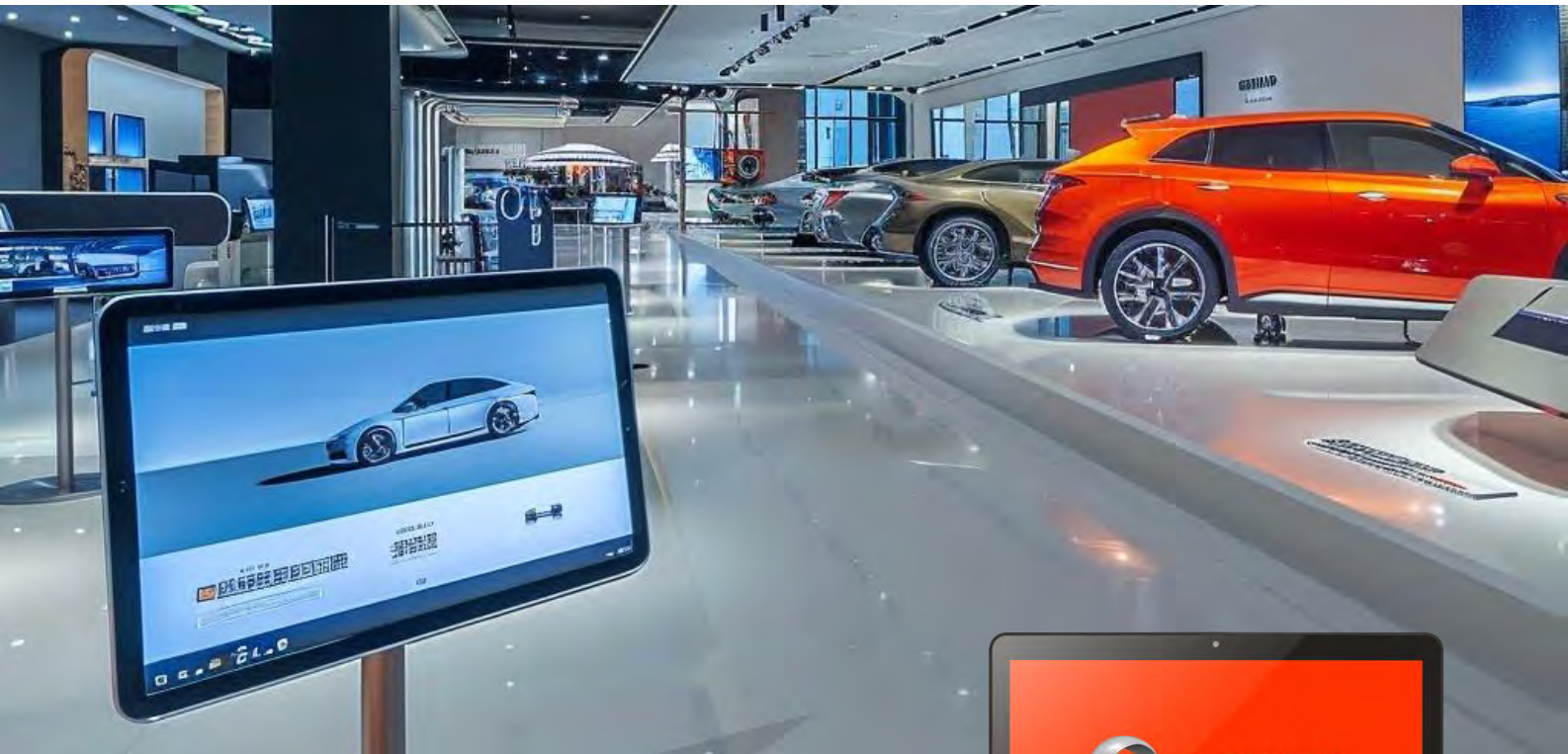




Slim and Robust for Kiosk

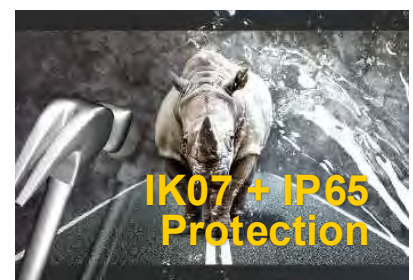
21.5" Commercial All-In-One Touch

eTILE22312

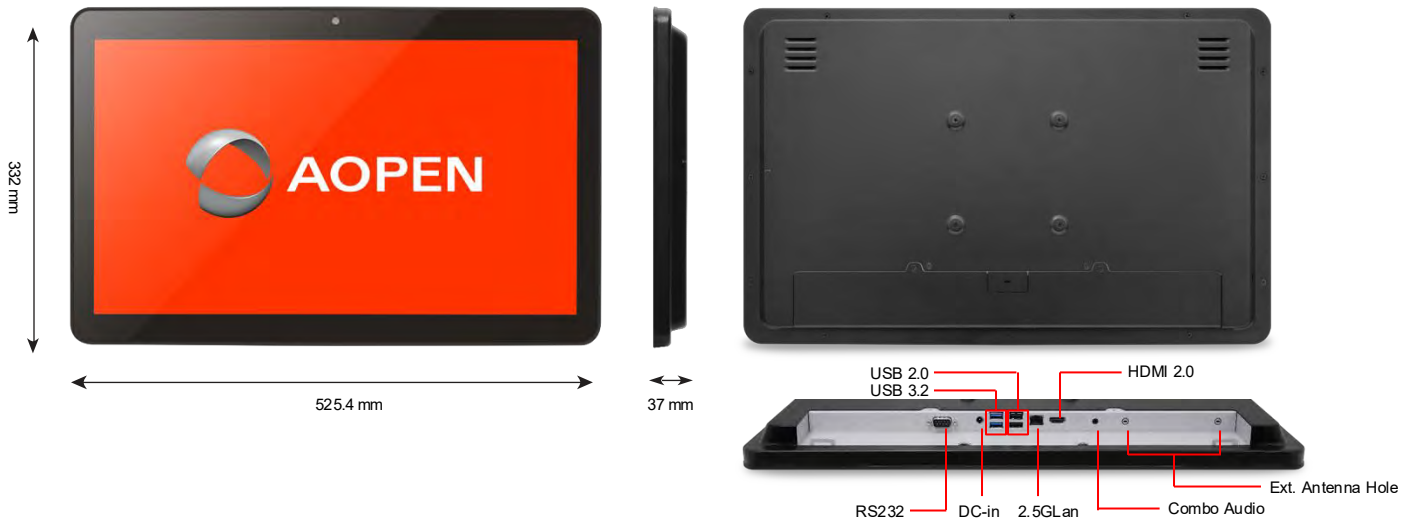
AOPEN eTILE22312 is a slim, commercial all-in-one interactive touch display designed for kiosk applications. It features a 10-point multi-touch screen for smooth, responsive interaction. The device adopts an IPR (Interfered Protection Resin) design for IK07 compliance, combined with a durable metal chassis for a robust embedded structure. A hidden keypad, IP65-rated dust- and water-proof protection, and a 1920×1080 (FHD) panel make it a reliable choice for demanding kiosk enclosure applications.

The eTILE22312 features:

- Powered by Intel® Alder Lake-N processor
- Fanless design
- Support 10-point touch
- Metal chassis with IK07 and IP65 grade front panel protection
- Multiple I/O ports: USB 3.2 and RS232 for enhanced expandability
- FHD resolution with a wide viewing angle



eTILE22312



Model name		eTILE22312
Housing Material		Metal
Dimension	W x H x D (mm)	525.4 x 332 x 37 mm
	W x H x D (inch)	20.68 x 13.07 x 1.46 inch
Weight		8 kgs/17.64 lbs
CPU		N100/i3-N300
Chipset		CPU Build-in
Memory	Channel	Dual Channel
	Type	DDR5 SO-DIMM x 1
	Data rate	4800 MHz
	Max Memory	16GB (default 8G x1)
Graphics		Intel® HD Graphics
Resolution		21.5" 1920x1080 (16:9)
Max Brightness		250 nits
Panel Type		TFT (Thin Film Transistors)
View Angle (CR>10)		178°/178°
Response time		25ms
Contrast Ratio		1000:1
Touch		PCT support 10 points
Expansion Slot		1 x M.2 (Key M, 2280) for SSD 1 x M.2 (Key E, 2230) for wifi 1 x M.2 (Key B, 2242) for LTE
Audio		Realtek ALC256 2 Channel
LAN		Intel® I226V with 10/100/1000/2500 Mbps



Windows 10 IoT or above

Storage		M.2 128G SSG	
Storage Bay		-	
Front Camera		5M Webcam (i3-n300 model; N100 model optional)	
Side Panel I/O	Power Button		x 1
	Brightness Up		x 1
	Brightness Down		x 1
	HDD Indicator		x 1
System I/O	DC Jack		x 1
	HDMI Out Port		x 1
	USB 2.0 Port		x 2
	USB 3.2 Port		x 2
	RS232 Serial Port		x 1
	Audio Set	Line-out	x 1
		Mic-in	x 1
	AiCU I/O		N/A
	Others		N/A
Watchdog Timer		1 ~ 255 SEC./min	
IP Level / IK Level compliance		Front IP65/Rear IPX2/IK07	
Adapter		90W (19V, 4.74A) AC Adapter	
Input Voltage		AC 100 ~ 240V	
Environment			
MTBF		50,000hrs	
Operating Temperature		0 ~40°C (32 ~ 104°F)	
Storage Temperature		-20 ~ 60°C (-4 ~ 140°F)	
Relative Humidity		90% RH (40°C non-Condensing)	



AOPEN Headquarter
New Taipei City,
Taiwan

AOPEN America
San Jose,
USA

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