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eTILE



Slim and Robust Commercial all-in-one eTILE 22M-FP2

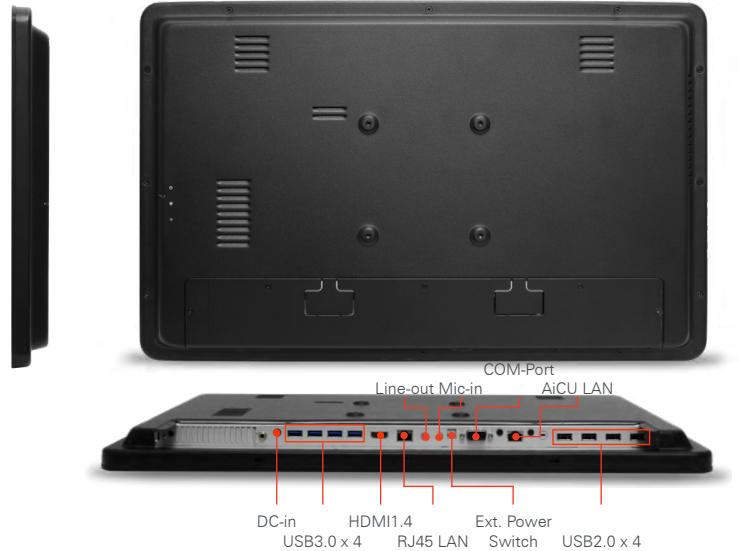
The AOPEN eTILE 22M-FP2 is a slim and commercial all-in-one interactive touch display for kiosk applications. It combines the AiCU a Smart Device Management Service -its Cloud service through out-of-band control- and a Celeron Intel SoC platform. With an IPR (Interfered Protection Rubber) design for IK compliance with a metal chassis and a hidden keypad. IP compliance dust- and waterproof front panel and Full HD panel can be fully utilized in your kiosk applications.

The eTILE 22M-FP2 features:

- + Fanless design
- + HEVC/H.265 and VP9 high-definition video playback
- + Hidden keypad and extended power switch
- + Metal chassis for embedded structure with IK07 and IP65 grade front panel, an IPX2 rear panel and 7H hardness
- + IPR design - Rubber bezel to avoid a cracked screens



eTILE 22M-FP2



Model name		eTILE 22M-FP2
Housing Material		IP Metal Design
Dimension	W x H x D (mm)	525.4 x 332 x 33.6 mm
	W x H x D (inch)	20.7 x 13.1 x 1.3 inch
Weight		8 kg / 17.64 lbs
CPU		Intel® Celeron® Processor J3455 (Quad Core)
Chipset		CPU built-in
Memory	Channel	Dual Channel
	Type	DDR3L SO-DIMM x 2
	Data Rate	1866 MHz
	Memory	2GB x 2 (default)
Graphics		Intel® HD Graphics 500 / 505
Front Panel	Resolution	21.5" 1920 x 1080 (16:9)
	Max Brightness	250 NITS
	Panel Type	Vertical Alignment
	Viewing Angle	178 / 178
	Response Time	25ms
	Contrast Ratio	3000:1
	Touch	PCT supports 10 points
Expansion slot		M.2 2280 x 1 (SSD), M.2 2242 x 1 (AiCU / LTE / SSD), M.2 2230 x 1 (WiFi)
Audio	Type	Realtek HD Audio Codec ALC269
	Channel	2 Channel
LAN		Realtek RTL8111G
		10 / 100 / 1000 Mbps
Storage		M.2 2280 (Default 64GB)

Supports:



Windows 10 IoT



Security			Hidden Keypad, Secure Cable Cover		
Storage Bay			-		
Front Camera			-		
Side Panel I/O	Power Button		x 1		
	Brightness Up		x 1		
	Brightness Down		x 1		
	HDD indicator		x 1		
System Panel I/O	DC Jack		x 1 (12 ~ 19V)		
	HDMI Out Port		x 1		
	USB 2.0 Port		x 4		
	USB 3.0 Port		x 4		
	COM Port		x 1 (RJ50)		
	Audio Set	Line-Out	x 1		
		Mic-in	x 1		
	AiCU Remote LAN		x 1		
	RJ45 LAN		x 1		
	Others		Embedded WiFi Antenna x 2, Extended Power Switch x 1		
Watchdog Timer			1 ~ 255 SEC./min		
IP/IK Grade			IP65 / IK07 (Front), IPX2 (Rear)		
Adapter			90W (19V, 4.74A) AC Adapter		
Input Voltage			AC 100 ~ 240V		
Warranty			2 Years		
TPM			2.0		
Environment					
MTBF			50,000 hrs		
Operating Temperature			0 ~ 40°C (32 ~ 104°F)		
Storage Temperature			-20 ~ 60 °C (-4 ~ 140°F)		
Relative Humidity			90% RH (40°C Non-Condensing)		



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