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10" IPC grade All-in-One
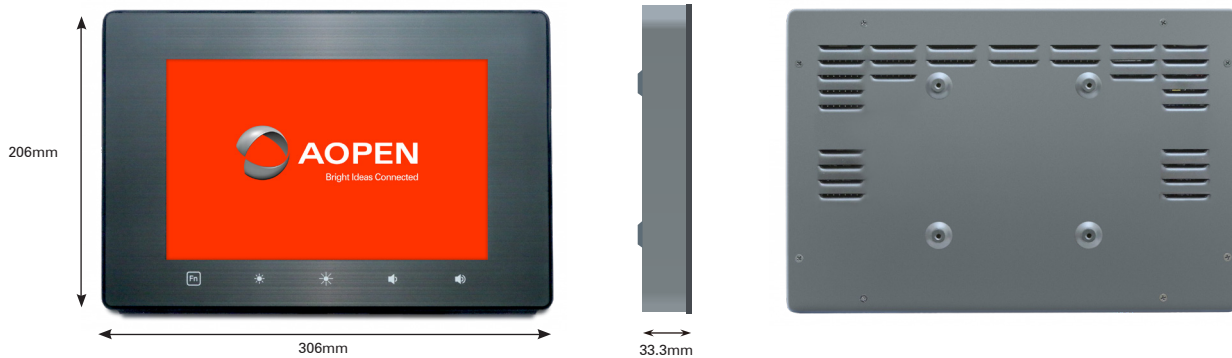## for Industrial Self-service Kiosk
eTILE-X10-FP

The AOPEN eTILE-X10-FP is an all-in-one display which is designed for factory automation and is applicable in kiosk solutions. It's designed for 24/7 consistent and reliable performance. AOPEN's slim miniITX motherboard runs a 2.3 GHz J3455 Quad Core, which is passively cooled by the AOPEN fanless thermal technology.The metal chassis and front bezel are IP65 rated, dust- and waterproof and the device passed the IK08 Impact test. This versatile model features 4 USB ports, 1 COM RS232 port, 1 LAN port, and dual display possibilities because of an extra HDMI output.

The eTILE-X10-FP features:

+ Industrial PCT touch solution with 5 touch points
+ Supports customised virtual key (up to 5 keys)
+ Wide range operating temperature: 0ºC ~ 50ºC
+ Supports PoE 802.3at
+ Mosh 5, 9H hardness glass
+ IP65 Grade front and IK08 protection

eTILE-X10-FP

206mm

306mm

33.3mm

Model name		eTILE-X10-FP
Housing Material		Metal
Dimension	W x H x D (mm)	306 x 206 x 33.3 mm
	W x H x D (inch)	12.04 x 8.11 x 1.31 inch
Weight		2.53kg / 5.58Pound
CPU		Supports Intel® Apollo-Lake CPU Default configuration J3455
Chipset		CPU Built-in
Memory	Channel	Default 4G
	Type	DDR3L SO-DIMM x 2
	Data rate	1333 MHz
	Max Memory	8GB
Graphics		Integrated Intel® CPU
Front Panel	Resolution	10.1" 1280 x 800 (16:9)
	Max Brightness	400 nits
	Panel Type	Vertical Alignment
	View Angle(CR>10)	85/85/85/85
	Response time	30ms
	Contrast Ratio	900:1
	Touch	PCT support 5 points
Expansion Slot		M.2 x 3
Audio	Type	Realtek HD Audio Codec ALC269
	Channel	2 Channel
LAN		Realtek RTL8111H
		10/100/1000
Storage		M.2 SSD (Default 64GB)
Security		Kensington Lock Hole

TPM			2.0
Storage Bay			-
Front Camera			-
Side Panel I/O	Power Button		-
	Brightness Up		-
	Brightness Down		-
	HDD Indicator		-
System I/O	DC Jack		x 1
	HDMI Out Port		x 1
	USB 2.0 Port		-
	USB 3.0 Port		x 4
	RJ45 LAN Jack		x 1
	Audio Set	Line-out	x 1
		Mic-in	x 1
	Extend power switch		x 1
	Others		Embedded Antenna
WatchDog Timer			1 ~ 255 SEC./ min
IP Grade			IP65, IK08
Adapter			POE 802.3at (optional SKU 90W, 19V, 4.74A, AC Adapter)
Input Voltage			AC 100 ~ 240V
Warranty			3 years
Environment			
MTBF			50,000hrs
Operating Temperature			0 ~50ºC (32 ~ 122ºF)
Storage Temperature			-20 ~ 60ºC (-4 ~ 140ºF)
Relative Humidity			90% RH (40ºC non-Condensing)

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