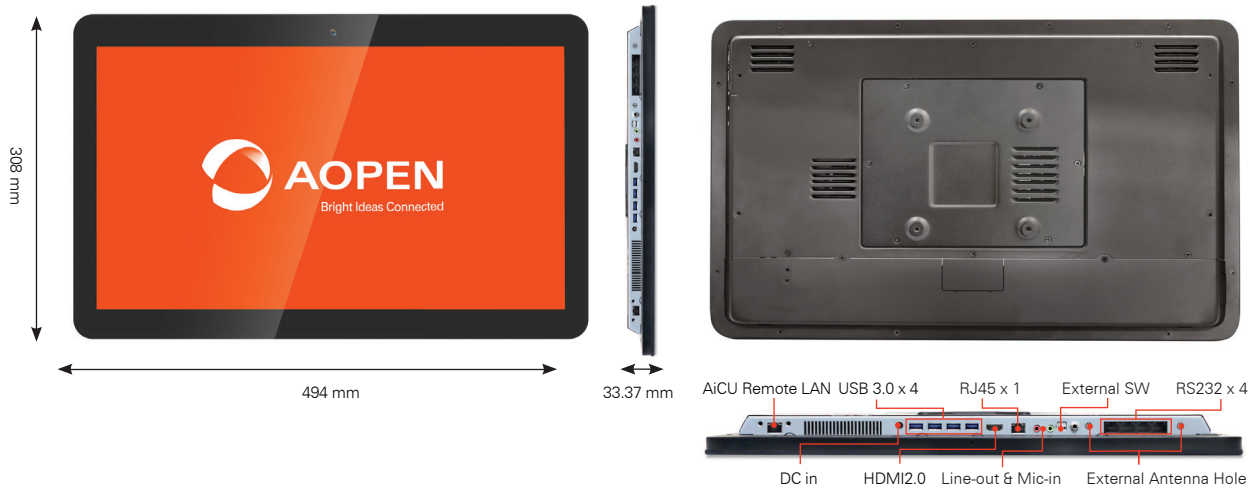# AOPEN

Bright Ideas Connected

IK07 + IP65

AiCU

AOPEN AiCU Smart Device
Commercial All-In-One Touch
eTILE19-FKB

The AOPEN eTILE 19-FKB is a commercial all-in-one interactive touch display with the AiCU: a Smart Device Management Service. The performance is strong and equal to the AOPEN DEX5550, which means this device is as powerful as an eTILE gets. It has Cloud service through out-of-band control in a 7th generation Intel CPU platform and a built-in high density 5M webcam with auto-focus function for facial recognition, security and authorization. The metal chassis design and detachable cover, hidden keypad, IP65 dust- and waterproof front panel and Full HD panel can be fully utilized in your digital transformation.

The eTILE19-FKB features:

+ 7th Generation Intel® Core™ CPU
+ Onboard HEVC 10-bit playback
+ Metal chassis for embedded structure with IK07 and IP65 grade front panel
+ Full HD Resolution with a wide viewing angle
+ IPR design - Rubber bezel to avoid a cracked screens
+ Detachable back cover, which ensures easy maintenance

eTILE19-FKB

308 mm

494 mm

33.37 mm

AiCU Remote LAN USB 3.0 x 4   RJ45 x 1   External SW   RS232 x 4

DC in   HDMI2.0   Line-out & Mic-in   External Antenna Hole

Model name		eTILE19-FKB
Housing Material		IP Metal design
Dimension	W x H x D (mm)	494 x 308 x 33.37
	W x H x D (inch)	19.45 x 12.12 x 1.32
Weight		5.97 kgs / 13.16 lbs
CPU		7th Generation Intel® Core™ (i3, i5)
Chipset		CPU Built-in
Memory	Channel	Dual Channel
	Type	DDR4 SO-DIMM x 2
	Data rate	2133 MHz
	Max Memory	32G (Default 4G x 2)
Graphics		Intel® HD Graphics 620 / 650
Front Panel	Resolution	19.5" 1920 x 1080 (16:9)
	Max Brightness	250 nits
	Panel Type	Vertical Alignment
	View Angle (CR>10)	178 / 178
	Response time	25ms
	Contrast Ratio	3000:1
	Touch	PCT support 10 points
Expansion Slot		M.2 2242 key B x 1 M.2 2242 key B x 1 M.2 2230 key E x 1
Audio	Type	Realtek HD Audio Codec ALC269
	Channel	2 Channel
LAN		Realtek RTL8111G
		10 / 100 / 1000
Storage		M.2 2242 (Default 64GB)

Security		Hidden Keypad Secure Cable Cover
Storage Bay		-
Front Camera		x 1 (2MP video, 5MP images)
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 (HDMI2.0)
	USB 2.0 Port	-
	USB 3.0 Port	x 4
	RS232 COM Port (Tx, Rx)	x 4 (RJ50)
	Audio Set	Line-Out	x 1
		Mic-In	x 1
	AiCU Dedicated Lan	x 1
	RJ45 Lan	x 1
	Others	Embedded Antenna
		Extended power switch x 1
Watchdog Timer		1 ~ 255 SEC./min
IP/IK Grade		Front Panel IP65 / IPX2
Adapter		90W (19V, 4.74A) AC Adapter
Input Voltage		AC 100 ~ 240V
Warranty		2 year
TPM		2.0
Environment		
MTBF		50.000hrs
Operating Temperature		0 ~ 40ºC (32 ~ 104ºF)
Storage Temperature		-20 ~ 60ºC (-4 ~ 140ºF)
Relative Humidity		90% RH (40ºC non-Condensing)

Windows 10

AiCU

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