

## Element K959

Medical Grade AIO Touch Terminal



The **Element K959** is an elegant and slim-design all-in-one Medical Grade Touch Terminal that is well-suited for a thin or thick client for medical applications, including work stations on wheels, surgical rooms, operating rooms and bedside infotainment terminal usage.

Its unique antimicrobial material means that users can operate in confidence while reducing the risk of spreading infections at the bedside. Hot-swappable batteries offer great flexibility and mobility and are perfect for 24/7 use.

- > 21.5" True-Flat Projective Capacitive Touch
- > Intel Tiger Lake i5 Processor
- > Front IP65
- > High grade antimicrobial plastics
- > Hot swappable batteries
- > On screen controls & LED work surface reading light
- > On screen - quick view battery status
- > Lightweight design
- > Medical Certificate (EN60601-1-2:2015, ANSI/AAMI EES60601-1)



# Technical Specifications - Element K959

Item	Specifications	
	<b>F87U</b>	
<b>System</b>	Processor	Intel Tiger Lake i5 1145G7E
	Chipset	CPU Integrated
	System Memory	2x DDR4 (Up to 32GB; Dual Channel)
	Storage Device	2x M.2 SSD
	Graphic Engine	Intel® Iris Xe Graphics
	TPM	fTPM is standard/Hardware TPM 2.0 is optional
	<b>LCD Touch Panel</b>	LCD Size
Brightness		250 nits
Resolution		1920 x 1080
Touch Screen		True-Flat PCAP Touch
<b>Expansion</b>	M.2	1x M.2 Slot half size key ID-E
<b>External I/O Ports</b>	USB	4x USB 3.0, 2x USB2.0, 1x Powered USB 24V
	LAN	1x RJ45
	Audio Jack	1x Line-out, 1x Mic-in
	HDMI	1
	Serial Port	2x RJ48
	DC Jack	1
<b>Audio</b>	Internal Speaker	1x 3W
<b>Peripherals</b>	Webcam (Optional)	5MP
	WiFi + BT (Optional)	802.11 Series + BT 5.2
	LED Reading Light	1
	RFID** (Optional)	1
<b>Power</b>	Power Supply	120W / 19V
	Wide Range Power Output	12-48V
<b>Battery</b>	Battery Pack (Optional)	3x Hot Swappable Battery (Up to 12 hours, depends on loading)
<b>Certificate</b>	IC Card Reader** (Optional)	1
	EMC & Safety	FCC Class A, CE Mark, LVD
	Medical	EN 60601-1-2:2015, ANSI/AAMI ES60601-1
<b>Environment</b>	Ventilation	Fanless
	Dust & Water Proof	Front IP65
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F) (Still Air)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	10% ~ 90% RH non-condensing
<b>Dimension (WxDxH)</b>		533 x 59 x 325 mm (17.4" x 1.9" x 10.7")
<b>Weight</b>		5.5 kg (12.2 lbs); With All Batteries: 7kg (15.4 lbs)
<b>Mounting</b>		VESA Mount 75mm x 75mm, 100mm x 100mm Standard
<b>OS Supported</b>		Windows 11 IOT 64 Bit, Windows 10 IOT 64 Bit, Linux
<b>Associated Accessories (Optional)</b>		3 Bay Battery Charger - ELEMENT K959 DOCK DESK BATTERY CHARGER 3-BAY (TTFLK959003)
		Additional Batteries - ELEMENT K959 BATTERY HOT SWAPPABLE 3/PK (TTFLK959002)
<b>Warranty</b>		36 months (Terminal Only)

\*Specification may change without notification (E&OE)

\*\*Either RFID or IC Card Reader, not both