

## Element K959

Medical Grade AIO Panel PC



The **Element K959** is an elegant and slim-design all-in-one Medical Grade Panel PC 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 Skylake U Processor
- > Front IP65 enclosure IPX1
- > 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)



Anti-Bacterial



IP65



Farless



RFID



WiFi



Webcam



IC Card Reader



12 hrs



# Technical Specifications - Element K959

Item	Specifications	
	<b>D87U</b>	
<b>System</b>	Processor	Intel Skylake U Celeron 3955U, i3-6100U, i5-6300U, Intel Core i7-6600U @ 2.60GHz
	Chipset	CPU Integrated
	System Memory	2x DDR4 2133MHz SO-DIMM (Up to 32GB; Dual-Channel)
	Storage Device	1x 2.5" SATA HDD or SSD or SSD module
	Graphic Engine	Intel HD Graphics (Gen9) DX12
	TPM	TPM 2.0; NUVOTON 650 (Unable to support Windows 7 Series)
	<b>LCD Touch Panel</b>	LCD Size
Brightness		250 nits
Resolution		1920 x 1080
Touch Screen		True-Flat PCAP Touch
<b>Expansion</b>	miniPCI-E Socket	1 (Half-size)
	M.2	1x M.2 Slot half size key ID-E (Non Full Function, only 1x USB & PCI-E)
<b>External I/O Ports</b>	USB	4x USB 3.0, 1x Powered USB 24V
	LAN	2x RJ48
	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	2MP (Option)
	WiFi + BT	802.11 b/g/n WLAN card + BT 4.0 (Option)
	LED Reading Light	1
	RFID	1
<b>Power</b>	Power Supply	180W / 19V
	Wide Range Power Output	9-48V
	Connector	4-pole DIN (with latch)
<b>Battery</b>	Battery Pack	3x Hot Swappable Battery (Up to 12 hours, depends on loading)
<b>Certificate</b>	IC Card Reader	1 (Option)
	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, IPX1 (Enclosure)
	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 10 IOT LTSB 64 Bit, Linux
<b>Associated Accessories</b>		3 Bay Battery Charger - ELEMENT K959 DOCK DESK BATTERY CHARGER 3-BAY (TTFLK959003)
		Additional Batteries - ELEMENT K959 BATTERY HOT SWAPPABLE 3/PK (TTFLK959002)