

Datasheet

Elevate Your Hospitality Experience: An Integrated Solution for Enhanced Processing and Seamless Payments





Purpose-Built for Hospitality Solution

The [Infinity Series](#) is a cutting-edge line of customized mobile device solutions designed to change your business' technology experience. With a focus on performance, durability, and versatility, the Infinity Series offers a range of devices tailored to meet the needs of modern businesses. From rugged tablets built to withstand harsh environments to sleek smartphones optimized for productivity, the Infinity Series delivers exceptional quality and reliability.

This [solution](#) brings together device protection, data and application processing, payment, and wireless charging into a single, affordable, all-in-one solution, giving workers anytime and anywhere access to the resources they need.

MTech's Infinity Series mPOS 10" Android Solution is built on the foundation of Samsung's Tab Active4 Pro combined with the Ingenico Moby 5500 and proprietary power management technology from MTech Mobility.



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Samsung Galaxy Tab Active4 Pro



Specifications	Tab Active4 Pro (Wi-Fi)	Tab Active4 Pro (LTE)
OS	Android 12	Android 12
CPU	Qualcomm SM7325	Qualcomm SM7325
Processor	Octa Core (2.4Ghz / 1.8Ghz)	Octa Core (2.4Ghz / 1.8Ghz)
Samsung DeX	Wireless DeX, Standalone DeX	Wireless DeX, Standalone DeX
Memory	4GB + 64GB / 6GB + 128GB	4GB + 64GB / 6GB + 128GB
External Memory	1 TB	1 TB
Display Screen Size	10.1"	10.1"
Display Type	WUXGA	WUXGA
Display Resolution	1920 x 1200	1920 x 1200
Viewability	550 nits	550 nits
Speakers / Headphone Out	Yes / 3.5mm	Yes / 3.5mm
Camera	13MP AF + 8MP	13MP AF + 8MP
USB / USB Port	Type-C USB 3.2 / Fast Charging	Type-C USB 3.2 / Fast Charging
Connectivity	Wi-Fi 6	5G + Wi-Fi 6
SIM Support	N/A	Dual SIM (available after MR)
Wi-Fi 6 / Wi-Fi Direct	Supported / Yes	Supported / Yes
Bluetooth	BT 5.2 BLE	BT 5.2 BLE
Battery Capacity	7,600 mAh replaceable + No battery mode	7,600 mAh replaceable + No battery mode
MIL-STD	MIL-STD 810H	MIL-STD 810H
Physical Buttons	Front: Home, Back, Menu / Side: Volume, Power, Programmable	Front: Home, Back, Menu / Side: Volume, Power, Programmable
Carrier	N/A	Verizon, AT&T, T-Mobile
Wi-Fi / Bands	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax
NFC Support	mPOS Ready	mPOS Ready
Google ARCore	Yes	Yes
Dimensions	9.56" x 6.7" x 0.4"	9.56" x 6.7" x 0.4"
Weight	1.49 lbs. (device)	1.49 lbs. (device)
Other	2 x 2 MIMO, GPS Dual Band (L1/L5), Gorilla Glass5, CBRS, FirstNet Certified	2 x 2 MIMO, GPS Dual Band (L1/L5), Gorilla Glass5, CBRS, FirstNet Certified

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Ingenico 5500



Processor	Cortex-M4 150 MHz
Supported OS	Android, iOS and Windows
Card Readers	Magstripe card reader Track 1/2/3 EMV chip reader & NFC reader with 4 LEDs
Displays	LED lights for contactless, device, battery status and Bluetooth readiness
Encryption	AES, TDES-DUKPT, RSA or On-Guard DATA key (SRED) TR39 / PCI PIN 2.0 DATA & PIN certified key management Remote key update service (Ingenico-hosted service)
Certifications & Security	FCC, CE, WEEE, EMV L1 & L2 Contract, EMV L1 Contactless, MasterCard Contactless 4.1.4, Visa payWave 2.2, Amex Express Pay 3.1, JCB J/Speedy 1.4, Discover D-PAS 1.0, CUP qUICS. SCR Class PCI PTS 6.x
Terminal Connections	USB-C connector for charging & data connection BTLE 4.2 Apple MFi for wire connection to iOS devices
Power Supply	Via USB-C AB cable / PSU not provided
Battery	500 mAh Li-Ion - Rechargeable battery Battery life: 400 contactless transaction, 500 EMV contact transactions, or 800 swipe transaction per charge
Dimensions L x W x H	3.03 x 2.13 x 0.58" (77 x 54 x 14 mm)
Weight	<2.47 oz (<70 g)
Lifetime	100k transactions on magstripe reader & smart card reader 3 years / 500 cycles for battery
Accessories	Clip-on (optional) Stand (optional)

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MTech Infinity Series



Material	TPU + PC
Durability	Shock damping corners
	Hybrid material provides cushioning and rigidity where it is needed most
Surface	Non-slip coating
	Easy to sanitize
Ease of use	Fastener-free design

Material	ABS
Weight	695 g
Dimensions	326.5 x 230.3 x 69 mm
Power	100-240v 5amp Max 50/60hz - power output: 5v a2 per slot - 40 watt max
Expandable	Modular configuration
	Can be linked to provide 8 charging bay from a single outlet.
Less downtime	Fast charging
	Easy docking
Status indicators	High visibility led indicators



Material	ABS Housing, PVC cable
Weight	19 g
Dimensions	50 x 40 x 12 mm
Key Features	Supports fast charging
	Supports a wide range of peripherals
	Supports power and data transfer simultaneously
Input ports	1 Type-C female, full functional
	1 7 Pin PogoIn, 5-9V / 2A
Output	1 Type-C female, full functional
	1 Type-C female, 5V for card reader
Wireless charging	Via built-in pogo pin pads