

TCx® 820 All-in-One POS System Technical Specifications

FEATURES	
Product Name	TCx 820
MTM	6225
Models	35C,353,355,357,36C,363,365,367,39C,393,395,397,32C,323,325,327,E5C,E53,E55,E57,E6C,E63,E65,E67, E9C,E93,E95,E97,E2C,E23,E25,E27,
CPU Support	Intel Core Processors (Series 1): Intel Processor U300L Intel Core 3 Processor 100UL Intel Core 5 Processor 130UL Intel Core 7 Processor 160UL <i>(VPro supported on Intel Core 5 and Intel Core 7 processors only)</i>
Memory	8GB, 16GB, 32GB DDR5 options (up to 5200Mhz) 8GB on Intel processor U300L ONLY)
Max System Memory Supported	Up to 64 GB
Max Video Memory Support	Up to half of system memory
Sockets	2 SO-DIMM slots
NVRAM Support	256GB NVMe PCIe SSD, M.2 2280 serves as NVRAM when used with TCx Sky V1.4.2
Storage	256GB PCIe NVMe SSD/512GB PCIe NVMe M.2 SSD up to 1TB Up to 2x SSDs supported RAID support (i5/i7 models only)
Audio	access headphone/mic port back head Rear IO panel headphone port
Speaker	2 - Internal Stereo Speakers (80db)
Camera	TCx EDGEcam ID Biometric Camera (optional)
Ethernet	Intel Gigabit Ethernet (Native) Integrated Intel AX210 WiFi 6E+BT 5.2 (Optional)
Fixed Connectors (system)	1x RJ45 10/100/1000 Ethernet 2x USB-C 2x USB3 Gen 2 2x USB2 2x 12V Pwr USB 1x Headphone/Mic Flex Port: 1x choice of Flex Ports: CD Flex Port - 1x24v Power In, 1XSDL Cash Drawer, 1x24v PUSB RJ45 Flex Port - 1xRJ45 10/100/1000 Ethernet, 1x 24v PUSB (**RPQ)

Powered Connector Options (Stand or Hub)	USB Mix - 2x USB2.0 (5V) - 3x 12V PUSB - 1x 24v PUSB - 1x 24v Power In - 1x USB-C from Host - 1x SDL Cash Drawer - 1x RJ11 Cash Drawer	RS232/RJ45 - 1x 12V PUSB - 1x 24v PUSB - 1x 24v Power In - 1x USB-C from Host - 1x RJ11 Cash Drawer - 3x Powered RS-232 - 1x RJ45 10/100/1000 Ethernet (*RPQ)
Primary Display	- 15"(4:3), 15.6" (16:9), 19.5" (16:9), 23.8" FHD (9:16) - PCAP Multi-touch Technology (400 Nits) - Back-lit LCD - 10 point PCAP multi-touch	
Accelerometer	Yes	
Controls / Indicators	- Power SW/LED - Brightness +/- - Dump Switch	
BIOS	AMI	
TPM Support	TPM2.0	
Ingress Protection Rating	IP53	

PERIPHERALS (OPTIONAL)

Left/Right Side Mountable	- 3-Track MSR - iButton Reader - 2D Barcode Scanner
Top Mountable	- 2x20 Customer Display - 10.1" Touch Customer Display - TCx EDGEcam ID Biometric Camera

OPERATING SYSTEM	SUPPORT (Y/N)	SUPPORT POS DRIVERS (Y/N)	PRELOAD (Y/N)
TCx Sky V1.4.2	Y	Y	N
TCx OS for Android 12.0	Y	Y	Y
Windows 10 IoT Enterprise LTSC 2021 64 bit	Y	Y	Y
Windows 11 IoT Enterprise LTSC 2024 64 bit	Y	Y	Y
Linux Kernel 6.8 Enablement (x64)	Enabled	Y	N

ITEM	WIDTH	HEIGHT	DEPTH	WEIGHT
Tablet with Stand - 15"	330.41 mm (13.01 in)	357.93 mm (14.0 in)	245 mm (9.65 in)	6.23 kg (13.74lb)
Tablet with Stand - 15.6"	373.81 mm (14.72 in)	357.84 mm (14.09 in)	245 mm (9.65 in)	6.46 kg (14.24 lb)
Tablet with Stand - 19.5"	479.44 mm (18.88 in)	374.6 mm (14.75 in)	245 mm (9.65 in)	9.14 kg (20.15 lb)
Tablet 15"	330.5 mm (13.01 in)	307.6 mm (12.11 in)	47.5 mm (1.87 in)	3.42 kg (7.54 lb)
Tablet 15.6"	373.9 mm (14.72 in)	274.5 mm (10.81 in)	47.04 mm (1.85 in)	3.47 kg (7.65 lb)
Tablet 19.5"	479.4 mm (18.87 in)	284.4 mm (11.2 in)	46.6 mm (1.83 in)	5.62 kg (12.39 lb)
Tablet 23.8"	577.64 mm (22.74 in)	345.14 mm (13.59 in)	48.6 mm (1.91 in)	7.76 kg (17.10 lb)
Hub	240 mm (9.45 in)	45.9 mm (1.81 in)	245 mm (9.65 in)	1.95 kg (4.29 lb)

TCT15092-USEN-01
Revised February 2024