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**TOGETHER  
COMMERCE**

**TCxFlight**

Point of Commerce Solution

# TCxFlight POINT OF COMMERCE SOLUTION

TCxFlight is a mobile hybrid solution that provides a wide variety of configurations for fixed and mobile use.

## Elegant Design Extends Traditional Options

- › Traditional fixed function capabilities
- › Variety of solutions to core requirements
- › Small footprint with multi-touch display
- › Intuitive, quick-to-learn touch technology maximizes productivity

## On Demand Mobility

- › Push button responsiveness anytime and anywhere
- › Secure and convenient with lock and dock design

## Future Adaptability

- › Device consolidation with durability to last
- › Investment protection with design that can scale to your growing mobile requirements

Mobility is an important benefit, but adaptability is key. The touch display is small enough to be taken anywhere, yet large enough to satisfy traditional fixed requirements. Rugged and powerful, the mobile unit is packaged with everything required to run your most demanding desktop applications from anywhere in the store. Whether your needs are for a point of sale (POS), a customer kiosk, or a full workstation desktop, this mobile hybrid is ready to move.

Docking options include features for table top and wall mount configurations. The moment any mobile unit is docked, it is automatically recharging and immediately connected with all of that dock's locally attached retail devices and an Ethernet port. The number of ports on any dock may be extended through the use of a distributed POS hub feature. A variety of distributed and integrated configurations are available. All cable connections on integrated configurations can be fully secured with a unique back panel that prevents accidental or unauthorized disconnections.

When combined with the available dock features, the mobile unit can be locked and docked for use in any of several traditional roles. This structured approach provides a simple way to both secure all the mobile units, as well as ensure their immediate availability when required for mobile use. As a mobile hybrid, TCxFlight helps consolidate equipment and save both money and time. All of this is accomplished with push button ease.

An Innovative Hybrid Solution for  
Today's Traditional and Mobile  
Retailing Needs

## Immediate Value: Fixed or Mobile

Toshiba TCxFlight is a traditional solution to today's core retail requirements. With its elegant design, TCxFlight offers an extension of the Toshiba Global Commerce Solutions portfolio and provides retailers with a consistent look and feel across their store.



**Figure 1.** (left) integrated table top configuration using the base dock and a mobile unit, and (right) wall mount configuration using the low profile dock.

With all configurations, the mobile units can be locked and docked for use in a variety of traditional fixed function roles. TCxFlight is available on demand for mobile use with push button simplicity.

The mobile hybrid unit shown in Figure 2 is designed to transform back and forth between a fully mobile solution and a traditional fixed function one. The same capability exists with the low profile dock.



**Figure 2.** TCxFlight separating from dock

## Powered to Go

All TCxFlight models are designed for the tough retail environment. The 11.6" touch screen display, along with an Intel X86 processor, 128 GB solid state drive (SSD), and Windows 8.1 Professional (w/downgrade rights to Windows 7 Professional) are standard on every mobile unit. They are perfectly sized for mobile or fixed use with desktop performance that is small enough to be taken anywhere. Wireless communications is standard on all models with integrated wi-fi (802.11), support for any Bluetooth 4.0 device, and a full size USB 3.0 port. An optional integrated magnetic stripe reader (MSR) is available on all models.



■ Figure 3. TCxFlight mobile hybrid unit

Optional hand and shoulder straps are available. All straps are simple to adjust and they attach to any of the four tethers on the back of every mobile unit. Straps can be used together, or separately.



■ Figure 4. Demonstration of typical use of hand or shoulder straps

## Optional Mounts

Both docks feature a unique connector that's been designed for years of use in the rugged retail environment. Mobile units can be locked in any dock with the same key used to secure the cash drawer.



■ Figure 5. Dock with Adapter (left), Low Profile Dock (right)

## Communications

In addition to security, the docks provide power and additional communications anytime a mobile unit is docked. The instant it is docked, that mobile unit is automatically recharging and is connected to all locally attached devices, as well as an ethernet port. TCxFlight supports Wake-on-LAN function.

For integrated configurations using the base dock shown in Figure 6, there are seven USB ports and an Ethernet port.

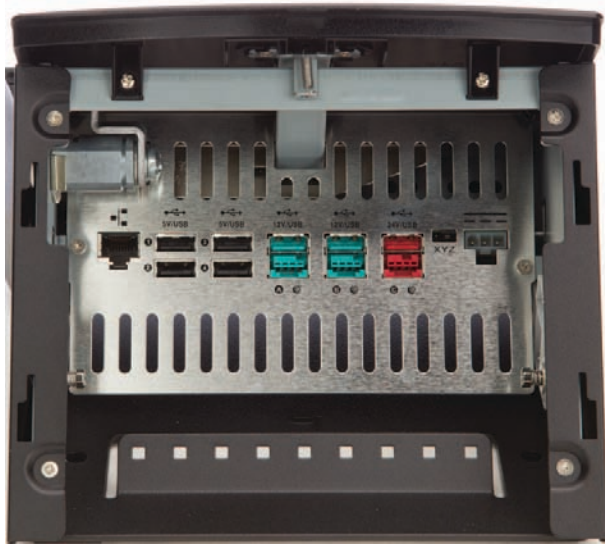


Figure 6. Retail I/O ports

## Distributed Configurations

The low profile dock provides a USB port and an ethernet port for those configurations with limited port requirements. The distributed POS hub can be used with either dock to extend the number of available ports when required. It provides five USB ports and a 24V cash drawer port.



Figure 7. TCxFlight configurations

When combined with the low profile dock stand, a wide variety of configurations are possible as shown in Figure 7. These, along with any number of integrated configurations can be mixed and matched in creating a variety of store layouts. One or more docks can be used in combination with one or more mobile units to create a “many to one”, or a “one to many” layout. This provides flexibility to reconfigure a store’s layout and adjust to changing needs throughout each day, as well as business requirements over time.

TCxFlight is a mobile hybrid solution designed to provide investment protection with unmatched performance today, adaptability as your needs grow, and durability to last.

# SPECIFICATIONS

Mobile Hybrid Hardware (applies to all models except where individual models are specified)	
<b>Processor</b>	Intel Celeron ULV 847 : 21X Models Intel Celeron ULV 2961Y : 22X Models Intel ULV i5-3439Y : 25X Models Intel ULV i5-4300Y : 26X Models
<b>Solid State Drive (Standard)</b>	mSATA 128 GB SSD
<b>System memory</b>	2 GB DDR3 1600 MHz : 21X Models 4 GB DDR3, 1600 MHz : 22X, 25X, and 26X Models
<b>Display</b>	29.5cm (11.6") Toshiba TruBrite IPS FullHD High Brightness touch display with Wide View Angle, 16 : 9 aspect ratio, LED backlighting, hardened IOX glass, Anti Fingerprint and Anti Reflective Coating, Internal resolution : 1,920 x 1,080
<b>Graphics Adapter</b>	Intel HD Graphics 4000
<b>Interfaces</b>	(1) USB 3.0 (full Size), (1) built-in microphone (with Echo and Noise Cancellation), (1) external Headphone (stereo)/Microphone combo socket, (2) integrated 3.0 MP web camera with auto focus (rear), and integrated 1.0 MP web camera with Ambient Light Sensor (front)
<b>Wireless Communication</b>	Bluetooth : All Models : Bluetooth 4.0 devices (or lower) supported
	Wifi : 802.11 : 21X Models: b,g,n Atheros radio/drivers : 22X Models: a,b,g,n, and ac Intel radio drivers : 25X Models: a,b,g,n Intel radio/drivers : 26X Models: a,b,g,n, and ac Intel radio/drivers
<b>Integrated Magnetic Stripe Reader (option)</b>	3 Track MSR option available on all Models
<b>Battery</b>	Technology: 6 cell, Lithium-ion (prismatic)

Operating System	
<b>Preload and technical support</b>	All models come preloaded with Windows 8.1 Professional and license rights to downgrade to Windows 7 Professional.
Optional Mounts / Features	
<b>Dock with Adapter</b>	Ethernet port, plus (7) USB 2.0 ports (full size): (1) 24 V, (2) 12V, and (4) 5V Standard PC
<b>Low Profile Dock</b>	Ethernet port, plus (1) USB 2.0 port : 5V Standard PC
<b>Distributed POS Hub</b>	Cash drawer port (24V), plus (5) USB 2.0 ports (full size): (1) 24V, and (4) 12V
<b>Low Profile Dock Stand</b>	Enables additional configurations when used with Low Profile Dock
<b>Wall Bracket</b>	Used with to mount Low Profile Dock Stand on a vertical surface
<b>Shoulder Strap</b>	Attaches to any (2) of the four mounting loops standard on all TCxFlight models
<b>Hand Strap</b>	Attaches to the upper and lower loops for RH or LH use. Or two straps may be used for both.
<b>Security</b>	All models can be secured when docked using a mechanical key. Dock can be secured to any surface via attach holes in base plate, or via Kensington keylock. All dock cables are protected.
Services	
<b>Limited Warranty</b>	1 year (all models), Depot (xxD models) and Advanced Exchange (xxA models)



# CONTACT US FOR SALES ASSISTANCE

Contact us or your local representative about how TCxFlight can create a smarter shopping experience and build a smarter operation for your business.

Or visit:

[www.toshibacommerce.com](http://www.toshibacommerce.com)

Additionally, Toshiba Global Commerce Solutions can help credit qualified clients acquire the solutions that your business needs in the most cost-effective and strategic way possible through our global financing partner.

## Together Commerce

Together Commerce is Toshiba's vision for the new future of retail where retailers adapt their strategies, their stores and their technology to engage with consumers throughout the buying process in a seamless and helpful way. This collaborative approach enables retailers and customers to create mutually rewarding commerce—together.

## Trust Toshiba's retail experience

As the world's leading provider of integrated in-store solutions and retail insights, Toshiba Global Commerce Solutions delivers end-to-end solutions for checkout, consumer interactions and retail operations that unlock amazing new possibilities for our clients and shoppers everywhere.

## TCxFlight

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