

## TCxWave

Today's retailers understand that sustainable success depends on delivering a consistent and differentiated brand experience throughout the customer journey. Nowhere is this more important than the place where the majority of transactions are still carried out: the store.

Retailers need point of sale (POS) technology that can support the versatility, style and functionality that a modern store environment demands. That can adapt easily to the changing demands of customers. That can bring new impact to the customer experience. And that can give timely, consistent service to consumers and associates throughout the shopping journey.

TCxWave by Toshiba is a new breed of retail system created to give retailers the freedom to use one platform for multiple purposes throughout the store. TCxWave has the flexibility, performance and distinctive design that global retailers have come to trust from the team that continues to produce the Number 1 store solutions in the industry.

### Giving point-of-sale a place of pride

TCxWave by Toshiba delivers a unique and engaging experience for associates and customers that puts it in a class of its own. Fully functional as a point-of-sale, kiosk or self-service unit, the TCxWave can be positioned in the most logical and advantageous locations without fear of compromising the in-store experience. Developed by award-winning industrial designers, its striking appearance means retailers need no longer hide the POS away in the back of the store but can sit it proudly where it's needed most. Indeed the sleek design of TCxWave means it can play a central role in delivering a consistent and positive brand image and experience throughout the whole store.

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### Highlights

- Attractive design complements the brand experience
- Wider screen brings new display and interaction opportunities
- Versatile configuration enables a seamless brand look and customer experience
- Intuitive, quick-to-learn touch technology maximizes associate productivity
- Retail-hardened design and robustness delivers reliability in mission-critical store environments

## Product Overview



### Distinctive design

- TCxWave by Toshiba's stylish design is based on a distinctive profile that reflects the "thin is in" style of modern consumer electronics: TCxWave is our slimmest POS or kiosk ever.
- The multi-touch, gesture-based screen is as easy and familiar to use as a smartphone.
- The widescreen format—the widest format on the market—means associates and customers can see more and do more.
- Human factor features include right/left-hand card-swiping and maximum flexibility in possible viewing angles and heights.

### Unmatched versatility

- TCxWave can be deployed as a POS, self-service or kiosk.
- Its versatility protects the investment of retailers whose store environment may evolve over time.
- TCxWave by Toshiba's unique design and functionality fit virtually every store setting.



Countertop configuration with optional stand.



Kiosk configuration landscape viewing

## Product Overview



Kiosk configuration portrait viewing

### Reliable and robust

- TCxWave features the kind of retail-hardened design and durability you would expect from the world leader in in-store technology.
- Antiglare screen protection means top performance even in the most demanding environments.
- Solid-state drive ensures dependable performance at the crucial point of transaction.



Multiple viewing angles and heights



Optional MSR and/or customer display

## Product Overview

<b>TCxWave Technical Requirements</b>	
<b>Preloads</b>	Windows 7, POSReady 7, POSReady 2009 (*only 32-bit is available preloaded)
<b>Supported Operating Systems</b>	Windows 7 (64-bit and 32-bit), POSReady 7, POSReady 2009, 4690* (support target year end 2013 Version 6 Enhanced), Windows 8* (support targeted year end 2013)
<b>Processor and FSB Speed</b>	Intel Celeron 847e (2M Cache, 1.10 GHz)
<b>Chipset</b>	Intel HM65PCH
<b>BIOS</b>	AMI
<b>Memory*†</b>	DDR3 1066 MHz 2 GB Standard 8 GB Max
<b>Video</b>	Intel Integrated Graphics Device (DisplayPort output)
<b>Touch</b>	Projected Capacitive Touch Technology 5 point multi-touch* (Hardware Support Statement)
<b>Screen</b>	LCD 18.5 in. 16:9 LED back-lit LCD
<b>Audio</b>	Internal PC Speaker
<b>Storage</b>	Solid State Drive 64 GB
<b>Ethernet</b>	10/100/1000 MB
<b>Expansion</b>	N/A
<b>I/O Ports and connections Dockable Base</b>	(1) 24 V Powered USB 2.0, (3) 12 V Powered USB 2.0, (3) PC USB 2.0, (1) 10/100/1000 Ethernet, (1) DisplayPort
<b>I/O Ports and connections Head</b>	(4) PC USB 2.0, (1) Optional PC USB 2.0 with 2x20 and/or MSR, (1) 10/100/1000 Ethernet, (1) DisplayPort, USB connections are for customer addable USB dongles
<b>I/O Ports and connections POS Hub</b>	(1) 24 V Powered USB 2.0, (1) 24 V Cash Drawer Port, (4) 12 V Powered USB 2.0
<b>Security</b>	This system contains a trusted platform module (TPM module). The function of the module is only for safe storage of the data that is needed for authentication and protection against unauthorized access. Algorithms are, AES, symmetric, key length 128 bit, and RSA, key length 512-2048 bit

## Product Overview

TCxWave Dimensions	Height	Width	Depth	Weight
POS System (head mounted on base)	Head rotated fully forward 336.7mm (13.26 in.) Head rotated fully back 332.6 mm (13.10 in.)	470 mm (18.5 in.)	305 mm (12 in.)	10.4 kg (23 lbs)
Head	337 mm (13.25 in.)	470 mm (18.5 in.)	76 mm (3 in.)	6.4 kg (14 lbs)
Dockable POS Base	191 mm (7.5 in.)	470 mm (18.5 in.)	292 mm (11.5 in.)	4 kg (9 lbs)
AnyPlace POS Hub	78 mm (3.073 in.)	185 mm (7.289 in.)	205 mm (8.077 in.)	2.72 kg (6 lbs.)

## Why Toshiba?

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. In partnership with the Together Commerce Alliance, our global business partner program, we help bring innovation and value to every retailing experience so that you can delight your customers every day, everywhere.

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### Together Commerce

TCxWave is a key focus for Toshiba's Together Commerce vision. Together Commerce brings together every possible pathway of the retail journey, enabling customers to engage with retailers on their own terms. This fundamental shift eliminates the need to control every customer action, favoring instead a collaborative approach in which retailers and customers create mutually rewarding commerce—together.

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To see how TCxWave can transform your stores and give point-of-sale new pride of place, please visit: [toshibagcs.com](http://toshibagcs.com)

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## References

\* MHz/GHz only measures microprocessor internal clock speed; many factors affect applications performance

† MB/GB equals one million/billion bytes when referring to storage capacity; accessibility may be less

