

Introducing the TC701

Reimagined to bring AI to the frontline



**Unprecedented productivity.
Unmatched workflow efficiency.
Unrivaed customer satisfaction.**

That's what you can expect when you put next generation AI apps in the hands of your frontline workers with the reimagined ultra-rugged TC701, the next generation TC7 Series.

New mobile processor built for on-device AI

Up to a 300% boost in processor performance¹

More memory to enable memory-hungry AI apps

Up to 3x more RAM and 8x more Flash

More data capture options to fuel your AI apps

2 new cameras, 3 new scanners, RFID, OCR, and more

The thinnest, lightest, most rugged TC7 Series built to date

45% thinner, 25% lighter, 50% higher drops, 75% more tumbles²

Powerful AI app development tools for Zebra devices

Develop AI apps in days with Zebra Frontline AI Suite

All the fastest wireless networks

Global 5G, Private networks, Wi-Fi 7, Bluetooth 6

**Upgrade your TC72 and TC77 to the TC701
today to empower your frontline with AI.
Learn more at www.zebra.com/tc701**

Feature Comparison: TC701 vs. TC72/TC77

TC72/TC77		TC701	
			
Unmatched Ergonomics		TC701 Benefit	
Thickness	1.1 inches (27 mm)	0.61 inches (15.5 mm)	While the TC701 is substantially more rugged with a 25% larger screen, it is significantly smaller, sized similarly to some of today's popular consumer mobile phones. The TC701 is 45% thinner, 25% lighter, and narrower than the TC72/T77, offering a modern, consumer-style feel that is easy to hold and comfortable in hand. ²
Weight	13.3 oz. (376 g)	10.02 oz. (284 g)	
Built for Next-Level On-Device AI			
Processor	Qualcomm® SD660	Qualcomm® Dragonwing™ Q-6690	Ground-breaking new processor built for AI; up to 300% increase in performance ¹
Memory	4 GB/32 GB	8 GB/128 GB 12 GB/256 GB	Supports the most AI data-intensive apps; up to 3x the RAM and 8x Flash
Display	4.7 inches HD	6 inches FHD+ AMOLED 1500 Nits	A superior viewing experience that makes all apps easier to use: over 25% more screen area to view more information at a glance, brighter display provides exceptional readability in any lighting condition; vibrant AMOLED display enables easy viewing at extreme angles
Cellular	4G	5G 3rd Gen Release 17	Offers the fastest cellular connectivity
Wi-Fi	Wi-Fi 5	Wi-Fi 7	Lightning fast near real-time low latency connections: over 10x speeds; tri-band vs single band plus double the bandwidth greatly increase network capacity; backwards compatibility with the last three Wi-Fi generations for seamless transition to the latest Wi-Fi standard
Battery	4600 mAh Warm swap	5000 mAh, 7240 mAh, 5000 mAh wireless Hot swap	Higher capacity batteries ensure full-shift operation even with demanding power-hungry AI apps; hot swap standard on all models
Enhanced Data Capture Options			
Built-in RFID	No	Yes	Integrated short-range UHF RFID up to 6.5 ft. (2 m); eliminates the need for separate RFID readers or RFID sleds
Ultra-wide angled camera	No	13 MP (optional)	Unlocks new vision applications that require a wide view, such as capturing a retail shelf
Cameras (rear, front)	13 MP, 5 MP	50 MP, 8 MP	Nearly 4x higher resolution rear camera captures more detailed information for AI apps; over 50% increase in front camera resolution
Scan engine options	SE4770, SE4750	SR500, SR560, AC670	AC670 premium advanced long-range scanner captures barcodes and color images up to 100 ft. (30 m); SR560 offers an improved 2D barcode finder for faster and more accurate barcode capture; SR500 captures barcodes in all lighting conditions with easy aiming
Dimensioning	No	Time of Flight/Dimensioning (select SKUs)	Collect accurate depth, distance, presence/absence and volume 3D data in any lighting
More Rugged			
Drop specification	6 ft. (1.8 m) to concrete across operating temperature	8 ft. (2.44 m) to concrete across operating temperature	33% higher drop spec across operating temperature range; 50% higher drop spec at room temperature; highest drop spec in the TC Series line of handheld mobile computers
	8 ft. (2.4 m) to concrete at room temperature	12 ft. (3.66 m) to concrete at room temperature	
Tumble specification	2,000 3.3 ft. (1.0 m)	3,500 3.3 ft. (1.0 m)	Built to survive 75% more tumbles



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1. Based on GeekBench 6 Multi-Thread benchmark scores using real-world tests. 2. Some numbers are rounded up.