



ZEBRA

Zebra XSLATE R12 Rugged Tablet

The tablet that transforms to match your work style. Rugged redefined.

Think you need a desktop, laptop, and rugged tablet to excel at the tasks you complete in the office, in-vehicle, and in the field? You don't...anymore. You just need the highly mobile, extremely flexible and always resilient XSLATE® R12 tablet PC. The transformational tablet device gives you all the high performance features and complete computing functions you need in a single platform.



Always the right form. More than enough flexibility

The XSLATE R12 is a next-generation tablet designed to be the only computer you'll need. It is one of the fastest rugged tablets on the market today and features powerful 2-in-1 capabilities with a magnetically-attached Companion Keyboard that's always on standby and never in the way. You'll also have the clarity of the industry's brightest 12.5" display, and easy-to-use touch, pen, voice, and camera inputs.

With all of these options, you can't go wrong

The XSLATE R12 offers more high performance feature options than any tablet PC in its class. You can pair powerful 7th generation Intel® processors with your preferred Windows® Professional OS. Attach an RJ45 + RS232 True Serial port dongle. Or add the SlateMate™ module to automatically gain a barcode reader and HF RFID reader for easy point of service data acquisition. If you're a multi-tasker who needs consistency – and options – you'll get everything you need in one rugged tablet.

Rugged redefined. Mobility without compromise.

This rugged tablet is built to keep your TCO low and ROI high, especially as mobility demands grow. It's ready for the field and front office, patrol car and factory, present and future. Expandable SSD, storage, and memory components keep pace with rising data demands. This level of connectivity ensures you never lose touch with workers, legacy equipment, and evolving business systems. You'll have complete situational awareness in real-time and customer service advantages at all times.

The tablet that does it all

Do you need a single mobile computer platform that matches any one of your workers' tech styles, and every one of your workflow requirements? No problem. The XSLATE R12 is prepared to multi-task in demanding work environments. With its highly responsive pen and touch input capabilities, magnetically-attached Companion Keyboard, adaptable form factor, and customized mounting options, this powerful rugged tablet gives all of your workers the flexibility to quickly and comfortably complete any task at hand – even when it looks like a notebook or desktop.

Appeal to the workforce

This transformational rugged tablet PC will go with the flow – and manage a task list as diverse as yours:

- Quality Assurance
- Inspections
- Inventory Management
- Safety Audits and Compliance Reporting
- Asset Monitoring and Control
- Maintenance and Repair Scheduling and Completion
- Claims Processing
- Engineering/Construction Project Management
- Incident Reporting
- Dispatch and Routing (GPS)
- Mapping/GIS Asset Location
- Investigations
- Situational Awareness
- Evidence Documentation
- Ticketing & eCitations
- Electronic Patient Care Reporting (ePCR)/Electronic Health Records (EHR)
- Emergency Response Planning and Management



FROM THE FIELD



TO THE VEHICLE



TO THE OFFICE



Choose Accessories to Maximize Your Mobility Investment



Companion Keyboard



Docking Station



Secure Mobile Dock
(for vehicle or desktop)



Additional Battery



**SlateMate Data Acquisition
Mobile** (Barcode Reader and
High Frequency RFID)



Work Anywhere Kit
(case, shoulder strap, carry
handle, screen cover)



Additional Digitizer Pen



Battery Charger

PRODUCT SPEC SHEET

ZEBRA RUGGED TABLETS:

XSLATE R12

XSLATE R12 Tablet Specifications Chart

DURABILITY		Integrated Communications	
Drop Test	MIL-STD-810G - 4' drop tested onto plywood over concrete	Intel® Dual Band Wireless-AC 8260 Wi-Fi plus Bluetooth® 4.2	• Intel® Dual Band Wireless-AC 8260 Wi-Fi plus Bluetooth® 4.2
Hazardous Environment	Class 1 Division 2 for hazardous locations ¹	Optional Internal Wireless (1 expansion slot) - Sierra Wireless EM7455 (NA and EU) 4G LTE with GNSS (GPS + GLONASS + Beidou) or - Sierra Wireless EM7430 (APAC) 4G LTE with GNSS (GPS + GLONASS + Beidou) or - Navisys Technology (u-blox) GPS with SBAS (WAAS, EGNOS and MSAS)	• Optional Internal Wireless (1 expansion slot) - Sierra Wireless EM7455 (NA and EU) 4G LTE with GNSS (GPS + GLONASS + Beidou) or - Sierra Wireless EM7430 (APAC) 4G LTE with GNSS (GPS + GLONASS + Beidou) or - Navisys Technology (u-blox) GPS with SBAS (WAAS, EGNOS and MSAS)
Ingress	IP54	Pass-Through antenna for WWAN, WLAN and GPS	• Pass-Through antenna for WWAN, WLAN and GPS
Internal	Magnesium-alloy internal frame		
External	Rubberized enclosure		
SYSTEM FEATURES		Ports	
Operating System	• Windows® 10 Pro 64-bit • Windows® 8.1 Pro 64-bit** • Windows® 7 Professional 64-bit** *available thru Windows 10 downgrade † available on i5-6200U only	Docking connector	• Docking connector
Processor	• Intel® Core™ i7 vPro - 7600U - 2.8 GHz with turbo frequency to 3.9 GHz, 4 MB SmartCache, 2 cores (4 threads) • Intel® Core™ i7-7500U - 2.7 GHz with turbo frequency to 3.5 GHz, 4 MB SmartCache, 2 cores (4 threads) • Intel® Core™ i5-6200U - 2.3 GHz with turbo frequency to 2.8 GHz,w 3 MB SmartCache, 2 cores (4 threads) • Intel® Celeron® 3865U - 1.8 GHz, 2 MB SmartCache, 2 cores (4 threads)	USB 3.0 port	• USB 3.0 port
Memory	• 4GB (Celeron® 3865U only) • 8GB	HDMI port	• HDMI port
Storage Options	• 64 GB SSD** (M.2 SATA only) • 128 GB SSD (M.2 SATA or PCIe) • 256 GB SSD (M.2 SATA or PCIe) • 512 GB SSD (M.2 SATA or PCIe) • 1 TB SSD*** (M.2 PCIe only) ** 64 GB M.2 SATA SSD only available with 3865U processor configuration *** PCIe drives only available with 7500U & 7600U processor configurations	3.5 mm audio output (stereo out, mono in)	• 3.5 mm audio output (stereo out, mono in)
Display	• 12.5" Wide Viewing Angle Display • Full-HD Resolution (1920 x 1080) • 1000 Nit Display Brightness • Anti-Smudge & Anti-Reflective View Anywhere® Display • Corning® Gorilla® Glass 3 • Capacitive 10-Point Touch • Wacom Digital Pen Input • Standard user replaceable anti-glare screen protector	Micro-SIM Card Slot (3FF)	• Micro-SIM Card Slot (3FF)
Graphics	• Intel HD Graphics 620 for i7-7500U, i7-7600U • Intel HD Graphics 610 for Celeron® 3865U • Intel HD Graphics 520 for i5-6200U	Micro-SDHC port	• Micro-SDHC port
Camera	• 8 MP rear camera • 2 MP front camera		
		Integrated Options	
		Optional 1D/2D Barcode Reader via SlateMate®	• Optional 1D/2D Barcode Reader via SlateMate®
		Optional 13.56 MHz HF RFID with read/write capability via SlateMate®	• Optional 13.56 MHz HF RFID with read/write capability via SlateMate®
		Optional RS232 True Serial Port via Dongle	• Optional RS232 True Serial Port via Dongle
		Optional RJ45 Gigabit Ethernet Port via Dongle	• Optional RJ45 Gigabit Ethernet Port via Dongle
		Optional Integrated CAC/Smart Card Reader	• Optional Integrated CAC/Smart Card Reader
		Battery Life & Power	
		Battery operation	• Battery operation
		Standard battery: up to 9 hours ¹	– Standard battery: up to 9 hours ¹
		Battery charge time	• Battery charge time
		Standard battery: 2.75 hours with system off ²	– Standard battery: 2.75 hours with system off ²
		Standard bridge battery (1 minute swap time)	• Standard bridge battery (1 minute swap time)
		Hot swap battery feature comes standard	– Hot swap battery feature comes standard
		Input Voltage: 19V with AC Adapter	• Input Voltage: 19V with AC Adapter
		Dimensions / Weight	
		12.93" x 8.17" x .75"	• 12.93" x 8.17" x .75"
		w(328.5 mm x 207.5 mm x 19 mm)	w(328.5 mm x 207.5 mm x 19 mm)
		2.95 lbs (1.34 kg) ³	• 2.95 lbs (1.34 kg) ³
		Security	
		Integrated Fingerprint Reader	• Integrated Fingerprint Reader
		Trusted Platform Module (TPM) 2.0	• Trusted Platform Module (TPM) 2.0
		Optional CAC / SmartCard reader	• Optional CAC / SmartCard reader
		Audio	
		Intel® High Definition Audio	• Intel® High Definition Audio
		Realtek® HD Codec	• Realtek® HD Codec
		RealTek noise cancellation	• RealTek noise cancellation
		Multi-directional array microphone	• Multi-directional array microphone
		3 microphones (2 front facing array mic's and 1 rear facing mic)	- 3 microphones (2 front facing array mic's and 1 rear facing mic)
		2 Integrated speakers	• 2 Integrated speakers
		Status Indicators	
		Power/Battery Status	• Power/Battery Status
		Camera Active	• Camera Active
		SSD Activity	• SSD Activity

** 64 GB M.2 SATA SSD only available with 3865U processor configuration

*** PCIe drives only available with 7500U & 7600U processor configurations

Continued on page 4

PRODUCT SPEC SHEET

ZEBRA RUGGED TABLETS:
XSLATE R12

XSLATE R12 Tablet Specifications (continued)

SOFTWARE		REGULATORY	
Software	<ul style="list-style-type: none">• Know Your Tablet (Windows 10, 8.1, 7)• Pen and Touch Enabled BIOS Setup• xCapture Pro™ Camera App• Xplore Dashboard (Windows 7)• Xplore Tablet Center (Windows 10, 8.1)• RFID Sample Reader (SlateMate™)• Barcode Reader (SlateMate™)	Product Safety	<ul style="list-style-type: none">• UL/CSA 60950-1, 2nd Ed.• IEC/EN 60950-1• AS/NZS 60950-1, 2nd Ed.• LVD Directive 2014/35/EU• NOM 019• ANSI/ISA 12.12.01-2013 (Hazardous Location)
WARRANTY		SAR	<ul style="list-style-type: none">• FCC OET 65 Supplement C• CAN/CSA RSS-102 Issue 5, Safety Code 6• EN 62311, EN 62209-2
Warranty Information	<ul style="list-style-type: none">• 3 year standard coverage included• Extended Warranty & xDefend Programs available.	EMC	<ul style="list-style-type: none">• FCC Part 15 B, Class B• CAN/CSA ICES-003, Class B• EN55032, Class B• EN 301-489-1• EN 301-489-17• EN 301-489-24• EN 61000-3-2• EN 61000-3-3
TESTING AND STANDARDS		Environment	<ul style="list-style-type: none">• California Proposition 65• Battery Charging Systems• RoHS 2 Directive 2011/65/EU• WEEE Directive 2012/19/EU• Battery Waste Directive 2013/56/EU• EN 62623:2013 (ErP Lot 3 / Lot 26)• NMX -1-122-NYCE-2006 (Mexico Energy Consumption)• Energy Star Compliant
Standards	<ul style="list-style-type: none">• ACPI 5.0 compliant• UEFI BIOS• Certified for Microsoft Windows 10 Client family version 1607, x64• Microsoft Azure Certified for IoT		
IEC Ingress Testing	<ul style="list-style-type: none">• IEC (60529) Ingress Tested to an IP54 Standard		
Environmental	<ul style="list-style-type: none">• Tested to MIL-STD-810G Standards• Operating Temperature: -20 °C to 60 °C / -4 °F to 140 °F• Storage Temperature: -30 °C to 70 °C / -22 °F to 158 °F• Transit Drop - Operating: 4' (1.22 M) Drop Direct to Plywood over Concrete while System is Operating, 26 Drops• Vibration: Minimum Integrity Non-operating, US Highway Truck and Composite Wheel Operating• Shock: 20G Operating, 40G non-operating• Humidity: 23 °C to 60 °C / 73 °F to 140 °F, 95% NonCondensing, 10 Days• Water Proofness: Fig 506.5, 140L/hr, per sq/m, 15 Minutes• Blowing Sand: 20M/S, rate 1.1g/m3 (+/- .3g) at High Temperature of 60 °C• Blowing Dust: Velocity 8.9M/s Dust Concentration 3.9 g/m3 at High Temperature of 60 °C• Temperature Shock: -30 °C to 70 °C / -22 °F to 158 °F within 5 Minutes• Contamination by Fluids: 50/50 Solution of Water and Bleach, 50/50 Solution of Water and Hydrogen Peroxide, Diesel Fuel, Mineral Based Oil, Lysol Disinfectant, Denatured Alcohol, Isopropyl Alcohol• Altitude: 40,000 Ft (12,192 M) Operating, 50,000 ft (15,240m) Non Operating		

¹ Battery performance will vary by system configuration. Battery life and recharge estimates will vary based on system settings, applications, optional features, environmental conditions, battery conditioning and user preferences. MobileMark 2014 performance testing on Intel Core i7

² Approximate charging time. Validated charging from 5% to 90% with system on or system off.

³ Weight represents approximate system weight measured with a 45Whr battery. Actual system weight may vary depending on component and manufacturing variability.

⁴ GNSS not available when external monitor is in use.

Zebra acquired Xplore Technologies and all its products in 2018.



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