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 magneticallyattached Companion Keyboard that's always on standby and never in the way. You'll also have the clarity of one of the the industry's brightest 12.5" displays, and easy-to-use touch, pen, voice, and camera inputs.

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

For more information, visit www.zebra.com/xslate-r12

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 Windows® 10 Professional. 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. And with certification on leading public service networks, including AT&T FirstNet and Verizon, first responders have the reliable connections they need when emergencies overload the public networks.

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.

Choose Accessories to Maximize Your Mobility Investment

XSLATE R12 Accessories

Companion Keyboard

Thin, light Bluetooth wireless keyboard that can store on the back of the tablet in the included easel. With the easel closed, the keyboard recharges while it's being carried, so it's always ready to use. Its micro USB port supports external power too.

Docking Stations

Desktop Dock
Desktop docking station that holds the tablet in place and provides port replication.

Secure Mobile Dock (for vehicle or tabletop)
Secures tablet in a vehicle, provides port replication and offers optional antenna pass-through with (3) connectors.

SlateMate Data Acquistion Mobile (Barcode Reader and High Frequency RFID)

This factory installed option adds a 2D barcode reader and High Frequency RFID reader, plus a true serial port, to the bottom of the tablet. The R12 still fits in the docks and cases while the SlateMate is attached.

Accessories Continued

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

Includes case, shoulder strap, carry handle and screen cover to provide ease of use on the move and added protection for the tablet.

Additional Digitizer Pen

Spare pen for writing on the standard active digitzer display. Keep one in your pocket so you don't have to remove the included one from its silo.

Battery Options

Battery Charger
Charge a single additional battery so you can start the shift with a fully charged extra battery.

Additional Battery
Full sized battery to hot swap into the back of the tablet to double battery life.

Specifications

Durability

Drop Test	MIL-STD-810G - 4' drop tested onto plywood over concrete
Hazardous Environment	Class 1 Division 2 for hazardous locations
Ingress	IP54
Internal	Magnesium-alloy internal frame
External	Rubberized enclosure

System Features

Operating System	• Windows® 10 Pro 64-bit

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)

Memory	• 4GB (Celeron® 3865U only) • 8GB
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

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
	  - 3H hardness

Graphics	• Intel HD Graphics 620 for i7-7500U, i7-7600U • Intel HD Graphics 610 for Celeron® 3865U • Intel HD Graphics 520 for i5-6200U
Camera	• 8 MP rear camera • 2 MP front camera

Integrated Communications	Intel® Dual Band Wireless-AC 8260 Wi-Fi plus Bluetooth® 4.2 • Optional Internal Wireless (1 expansion slot) - Sierra Wireless EM7455 (NA and EU) 4G LTE with GNSS (GPS + GLONASS + Beidou Verizon PNTM certified[4] or - Sierra Wireless EM7511 (NA) LTE-Advanced with GNSS receiver (GPS + GLONASS + BeiDou + Galileo) AT&T FirstNet Ready and Verizon PNTM certified or - Sierra Wireless EM7430 (APAC) 4G LTE with GNSS (GPS + GLONASS + Beidou)[4] or - Navisys Technology (u-blox) GPS with SBAS (WAAS, EGNOS and MSAS) • Pass-Through antenna for WWAN, WLAN and GPS
Ports	• Docking connector • USB 3.0 port • HDMI port • 3.5 mm audio output (stereo out, mono in) • Micro-SIM Card Slot (3FF) • Micro-SDHC port
Integrated Options	• Optional 1D/2D Barcode Reader via SlateMate® • Optional 13.56 MHz HF RFID with read/write capability via SlateMate® • Optional RS232 True Serial Port via Dongle • Optional RJ45 Gigabit Ethernet Port via Dongle • Optional Integrated CAC/Smart Card Reader

Battery Life & Power	• Battery operation
	  – Standard battery: up to 9 hours[1]
	• Battery charge time
	  – Standard battery: 2.75 hours with system off[2]
	• Standard bridge battery (1 minute swap time)
	  – Hot swap battery feature comes standard
	• Input Voltage: 19V with AC Adapter

Dimensions / Weight	• 12.93" x 8.17" x .75" w(328.5 mm x 207.5 mm x 19 mm) • 2.95 lbs (1.34 kg)3
Security	• Integrated Fingerprint Reader • Trusted Platform Module (TPM) 2.0 • Optional CAC / SmartCard reader
Audio	• Intel® High Definition Audio • Realtek® HD Codec • RealTek noise cancellation • Multi-directional array microphone - 3 microphones (2 front facing array mic's and 1 rear facing mic) • 2 Integrated speakers
Status Indicators	• Power/Battery Status • Camera Active • SSD Activity

Software

Software	• Know Your Tablet • Pen and Touch Enabled BIOS Setup • xCapture Pro™ Camera App • Xplore Tablet Center • RFID Sample Reader (SlateMate™) • Barcode Reader (SlateMate™)

Warranty

Warranty Information	• 3 year standard coverage included • Extended Warranty & xDefend Programs available.

Testing and Standards

Standards	• ACPI 5.0 compliant • UEFI BIOS • Certified for Microsoft Windows 10 Client family version 1607, x64 • Microsoft Azure Certified for IoT
IEC Ingress Testing	• IEC (60529) Ingress Tested to an IP54 Standard
Environmental	Tested to MIL-STD-810G Standards
Operating Temperature	-20°C to 60°C / -4°F to 140°
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	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

Regulatory

Product Safety	• 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)
SAR	• FCC OET 65 Supplement C • CAN/CSA RSS-102 Issue 5, Safety Code 6 • EN 62311, EN 62209-2
EMC	• 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
Environment	• 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

Footnotes

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

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

[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.

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