

MISSION-CRITICAL ENVIRONMENTS



Major Options:

- MIL-STD-3009 class B Night Vision screen
- Front Full-HD camera
- U-blox M8N GNSS module
- 4G LTE/AWS

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Rugged Convertible Laptop LT320, LT330 and LT350

The WMLT350 Rugged Medical Grade Laptop features the integration of a convertible 15.6" screen, an Intel® 10th Generation Core™ i processor, and a full-size keyboard. With a built-in smart card/CAC reader, the LT350 also has **antimicrobial** casings for healthcare settings. Rated IP65 and MIL-STD-810G, and supporting a wide temperature range, the LT350 Rugged Laptop provides reliable operation in harsh, mission-critical environments.

- 11.6", 13.3" or 15.6" capacitive screen, 1000 nits and digital pen support
- 88 standard, full-size backlit keyboard with multi-touch pad
- Intel® 10th Generation Core™ i5/i7 processor
- Built-in smart card/CAC reader
- Hot-swappable batteries for 24/7 operation
- MIL-STD-810G/H for shock and vibration protection
- Dual SSD slots, support up to 4TB with RAID 0/RAID 1
- Microsoft® Windows® 10 IoT Enterprise operating system
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Convertible screen, transforms from laptop to tablet
- Fanless, robust design
- Dual RAM slots, up to 64GB
- MIL-STD-461F for EMI and EMC tolerance
- Modular design to easily replace the SSD and batteries

SPECIFICATIONS	LT320	LT330	LT350
System			
CPU	Intel® Core™ i5-10210U, Quad-Core, 1.6GHz (up to 4.2GHz) Intel® Core™ i7-10710U, 6-Core, 1.1GHz (up to 4.7GHz)		
RAM	8GB to 64GB (dual-slot)	8GB to 64GB (dual-slot)	8GB to 64GB (dual-slot)
Storage	256GB to 4TB SSD (dual-slot, supports quick release and RAID 0/RAID 1)		
Operating System	Microsoft® Windows® 10 IoT Enterprise		
NIST Compliance	NIST compliant BIOS available		
Buttons	1 power button, 2 programmable buttons, 2 brightness control buttons, 1 NVIS/Normal toggle		
Speaker	Built-in speakers		
Display			
Screen Size	11.6” screen with capacitive touch, 16.7M colors	13.3” screen with capacitive touch, 16.7M colors	15.6” screen with capacitive touch, 16.7M colors
Resolution	1920 x 1080		
Luminance	Standard sunlight readable screen: 1000 nits	Standard sunlight readable screen: 1000 nits	Standard sunlight readable screen: 1000 nits
	Optional night vision screen – daylight mode: 800 nits; NVIS mode: 0 to 20 nits. MIL-STD-3009 Class B compliant, providing clear readability of the display with naked eyes in dark environments and does not interfere with NVGs.		
	Optional night vision screen – daylight mode: 800 nits; NVIS mode: 0 to 0.7 nits. MIL-STD-3009 Class B compliant, providing clear readability of the display with NVGs in dark environments.		
Contrast Ratio	800 (typical)		
Optical Response Time	25 msec (typical)		
Keyboard			
Keys	QWERTY, F1 to F12 function keys Keys for Windows shortcuts, media controls, screen brightness		
Backlight	Yes		
Touch Pad	Multi-touch		
Wireless Network Interface			
WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band		
Bluetooth	Bluetooth 4.2 LE		
I/O Ports			
USB Port	USB 3.0 x 2, USB Type-C x 1 (for data transmitting, video-out, and charging)		
Ethernet	Ethernet 10/ 100/ 1000MB Base-T LAN		
COM Port	N/A	1	1
HDMI-out	1	1	1
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card		
Mechanical & Environmental			
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A		
Battery Pack	Hot swappable battery, 11.4V,5400mAh x 1 Hot swappable battery, 11.4V,8000mAh (optional) x 1	Hot swappable battery, 11.4V,5400mAh x 2 Hot swappable battery, 11.4V,8000mAh (optional) x 2	
Enclosure	ABS + PC plastics and magnesium-aluminum alloy		
Dimensions (HxWxD)	39.2 x 320 x 235 mm	39.2 x 345 x 247 mm	39.2 x 376 x 265.5 mm
Weight	6.3 lbs/ 2.86 kg	7.5 lbs/ 3.4 kg	TBD
Durability	IP65, MIL-STD-810G/H and MIL-STD-461F certified		
HERO Testing	Yes	Yes	Yes
Regulatory	FCC Class B, CE, RoHS compliant		
Temperature	Operation: -10°C to 60°C (-14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F)		
Humidity	0% – 90% non-condensing		