



LT360PA Rugged Laptop

Compact, Purpose-Built for Mission-Critical Environments

The DT Research Rugged Laptops integrate touchscreens, Intel® Core™ Ultra 5/7 processor, and full-size keyboard. They feature built-in Wi-Fi, optional IR front camera, 2D barcode scanner, smart card/ CAC reader, night vision screen, RFID, and other data capture options. These laptops offer advanced identity verification for secure data access. The optional night vision screen supports MIL-STD-3009 Class B NVIS mode, adding an extra layer of security for lightsensitive situations. Rated IP65 and compliant with MIL-STD-810H/461G, these powerful rugged laptops support a wide temperature range, ensuring reliable operation in harsh, mission-critical environments.





Features

- 13.3" high-brightness touchscreen; digital pen support
- Intel® Core™ Ultra 5/7 processor
 Microsoft® Windows® 11 IoT Enterprise operating system
- Dual color backlit keyboard with multi-touch pad
- · Robust design with antimicrobial coating
- One SSD slot, support up to 4TB with RAID 0/RAID 1
- Hot-swappable batteries for 24/7 operation
- Modular design to easily replace batteries
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- MIL-STD-461G for EMI and EMC tolerance

Major Options

- 4K (3840 x 2160) resolution screen
- MIL-STD-3009 class B night vision screen
- 2 MP IR camera with privacy cover; supports Windows Hello
- 4G LTE
- 2D barcode scanner
- CAC card reader
- · GPS module
- RFID

Specifications



Model		LT360PA
System		
CPU		Intel® Core™ Ultra 5 processor 225H, 14-core (up to 4.9 GHz)
		Intel® Core™ Ultra 7 processor 255H, 16-core (up to 5.1 GHz) Ultra 5: 16GB LPDDR5
RAM		Ultra 7: 16GB to 32GB LPDDR5
Storage		512GB to 2TB SSD (supports removable SSD and RAID)
Operating System		Microsoft® Windows® 11 IoT Enterprise
NIST Compliance Buttons		NIST compliant BIOS available
Microphone		1 x power button, 1 x 2D scanner or NVIS mode trigger button, 2 x brightness touch buttons, 2 x programmable touch buttons Built-in microphone array
Speaker		Built-in speaker
•		Daile in special
Display		
Screen Size		13.3" touchscreen
Resolution		1920 x 1080, or 3840 x 2160 (optional)
Luminance		Standard high-brightness 1000 nits Optional night vision screen – daylight mode: 800 nits; NVIS mode: 0 to 20 nits
		Optional night vision screen – daylight mode: 800 nits; NVIS mode: 0 to 0.7 nits
Keyboard		
Keys		QWERTY, full row of F1 to F12 function keys; Keys for Copilot / Windows shortcuts, media controls, screen brightness
Backlight		Yes
Touch Pad		Multi-touch
Touch Fuu		Half Oddi
Wireless Netwo	rk Interface	
WLAN		Wi-Fi 802.11ax 2.4/5/6 Ghz three band
ВТ		5.4
I/O Ports		
USB Port		2 x USB-A, 1 x latest USB/charging
Ethernet		(optional: additional 1 x latest USB/charging) 1 x 10/100/1000 MB Base-T RJ45 LAN (optional: additional 1 x RJ45)
HDMI-out		1
Audio Jack		1 (3.5 mm)
24-pin Fischer Connector		
(optional)		1
SFP Connector (op	tional)	1
DC-in Jack		1
SD Card Reader		1
Nano SIM Card Slot		1
Mechanical and	Environment	al Control of the Con
AC/DC Adapter		Input: 100 to 240V AC; Output: 19V, 230W
Battery Pack		2 x Hot-swappable batteries (11.4V, 5400mAh) (Optional)2 x Hot-swappable batteries (11.4V, 8000mAh)
Enclosure		ABS + PC plastic and magnesium-aluminum alloy with antimicrobial coating
Dimensions (H x W x D)		1.22 x 13.66 x 9.84 in/31 x 347 x 250 mm
Weight		6.21lbs/2.82 kg (with battery)
Durability		IP65, MIL-STD-810H and MIL-STD-461G certified
Regulatory		CE, FCC Class B, CB, RCM, EPEAT, Energy Star 8.0
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% to 90% non-condensing
Kensington Lock		1
Major Options		
Camera		2 MP IR camera with privacy cover; supports Windows Hello
Night Vision Screen	Luminance	Option 2. Daylight mode. 600 files, NVIS mode. 0 to 6.7 files. Wile-51D-5009 class B compilant, providing clear readability of display with
		NVGs in dark environments
Mobile Broadband	1	4G LTE
GNSS Barcada Scannor		GPS
Barcode Scanner		2D barcode scanner (reads 1D and 2D)
Smart Card/CAC Reader		Full slot (reads ISO 7816 T=0, T=1); 1.8/3/5V smart card

^{*} Specifications subject to change without notice.



RFID Reader



Dual frequency (reads 125 KHz and 13.56 MHz credentials)