



# LT355 Rugged Mobile Workstation

## Purpose-Built for Mission-Critical Environments

The LT355 Rugged Mobile Workstation features the integration of a 15.6" touchscreen, an Intel® Core™ i7/i5 processor, and a full-sized keyboard set. With the built-in Wi-Fi, BT, and smart card/CAC reader, the LT355 offers seamless information capture for instant transmission and is ideal for use either in the field or in the office. While its large, high-brightness (1200 nits) LCD touchscreen provides a clear view to enhance the degree of visual comfort, the optional embedded NVIDIA RTX™ graphics card guarantees even higher performance and efficiency by enabling the LT355 to process demanding tasks such as rendering, image analysis, and artificial intelligence (AI). IP65, MIL-STD-810H and MIL-STD-461G Certified, the LT355 is ideal for operations in demanding, mission-critical environments.

### Features

- 15.6" LED-backlit, high-brightness (1200 nits) touchscreen; supports digital pen
- Intel® Core™ i7/i5 processor
- Microsoft® Windows® 10/11 IoT Enterprise OS
- NIST compliant BIOS available
- Back-lit keyboard with multi-touch pad
- Built-in Wi-Fi and BT
- Built-in smart card/CAC reader
- SSD slot to support RAID 0/RAID 1
- Dual RAM slots, up to 64GB
- Dual hot-swappable batteries for 24/7 operation
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection (up to 3 feet drop protection)
- MIL-STD-461G for EMI and EMC tolerance
- Energy Star 8.0 certified



### Major Options

- Embedded NVIDIA RTX™ A1000 or A2000 MXM graphics card
- Night vision screen

# Specifications



## System

<b>CPU</b>	Intel® Core™ i5-1340P, 12-Core, up to 4.6 GHz Intel® Core™ i7-1370P, 14-Core, up to 5.2 GHz
<b>RAM</b>	8GB to 64GB (Dual-Slot)
<b>Storage</b>	64GB to 2TB SSD (Supports Removable SSD and RAID)
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise
<b>NIST Compliance</b>	NIST Compliant BIOS Available
<b>Display</b>	15.6" High-Brightness (1200 nits) Touchscreen
<b>Display Resolution</b>	1920 x 1080
<b>Trusted Platform Module</b>	fTPM 2.0
<b>Microphone</b>	Built-In Microphone
<b>Speaker</b>	Built-In Speaker

## Keyboard

<b>Keys</b>	QWERTY, full row of F1 to F12 function keys Keys for Windows shortcuts, media controls, screen brightness
<b>Backlight</b>	Yes
<b>Touch Pad</b>	Multi-Touch

## Wireless Network Interface

<b>WLAN</b>	Wi-Fi 802.11ax 2.4/5/6 Ghz three band
<b>BT</b>	Yes

## I/O Interface

<b>USB Port</b>	3 x USB-A
<b>Ethernet</b>	1 (Ethernet 10/100/1000MB Base-T LAN)
<b>COM Port</b>	1
<b>HDMI-out</b>	1
<b>Smart Card/CAC Reader</b>	1
<b>Buttons</b>	1 x Power Button, 4 x Programmable Touch Buttons

## Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V, 230W Adapter
<b>Battery Pack</b>	(Optional) 2 x 60W/90W Hot-Swappable Batteries (11.4V, 5400mAh)
<b>Enclosure</b>	ABS + PC Plastic and Magnesium-Aluminum Alloy
<b>Dimensions (H x W x D)</b>	1.66 x 15.16 x 10.57 in/42.05 x 385 x 268.5 mm
<b>Weight</b>	9.70 lbs/4.4 kg
<b>Durability</b>	IP65, MIL-STD-810H and MIL-STD-461G Certified , 3 Feet Drop Protection
<b>Certifications</b>	CE, FCC, RoHS, UL
<b>Temperature</b>	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)
<b>Humidity</b>	0% to 90% Non-Condensing

## Major Option

<b>Graphics Card</b>	Embedded MXM GPU Module with Embedded NVIDIA RTX™ A1000 or A2000 MXM
<b>Night Vision Screen Luminance</b>	Option 1: Daylight mode: 800 nits; NVIS mode: 0 to 20 nits. MIL-STD-3009 Class B compliant, providing clear readability of display with the naked eye in dark environments, does not interfere with NVGs. Option 2: Daylight mode: 800 nits; NVIS mode: 0 to 0.7 nits. MIL-STD-3009 Class B compliant, providing clear readability of display with NVGs in dark environments.

\* Specifications subject to change without notice.

## Accessories

• USB Port Replicator



• Battery Pack



• Battery Charger Kits



• Battery Gang Charger



Product Configurator

