



# 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 and MIL-STD-810H 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)



### Major Options

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

# Specifications



## System

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

## Keyboard

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

## Wireless Network Interface

|      |                                       |
|------|---------------------------------------|
| WLAN | Wi-Fi 802.11ax 2.4/5/6 Ghz three band |
| BT   | Yes                                   |

## I/O Interface

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

## Mechanical and Environmental

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| AC/DC Adapter          | Input: 100-240V AC; Output: 19V, 230W Adapter                                                                                 |
| Battery Pack           | (Optional) 2 x 60W/90W Hot-Swappable Batteries (11.4V, 5400mAh)                                                               |
| Enclosure              | ABS + PC Plastic and Magnesium-Aluminum Alloy                                                                                 |
| Dimensions (H x W x D) | 2.1 x 15.2 x 11.7 in/54.4 x 385 x 297 mm                                                                                      |
| Weight                 | 9.70 lbs/4.4 kg                                                                                                               |
| Durability             | IP65 and MIL-STD-810H Certified, 3 Feet Drop Protection                                                                       |
| Certifications         | CE, FCC, RoHS, UL                                                                                                             |
| Temperature            | Operation: -10°C to 60°C (14°F to 140°F), Optional: -30°C to 60°C (-22°F to 140°F)<br>Storage: -55°C to 70°C (-67°F to 158°F) |
| Humidity               | 0% to 90% Non-Condensing                                                                                                      |

## Major Option

|                               |                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Graphics Card                 | Embedded MXM GPU Module with Embedded NVIDIA RTX™ A1000 or A2000 MXM                                                                                                                                                                                                                                                                                                             |
| Night Vision Screen Luminance | 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.<br>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

