



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). With an IP65 rating, the LT355 is ideal for operations in demanding, mission-critical environments.

Features

- 15.6" high-brightness (1200 nits) touchscreen, digital pen support
- Intel® Core™ i7/i5 processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- Back-lit keyboard with multi-touchpad
- 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
- Energy Star 8.0 certified



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 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

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

Wireless Network Interface

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

I/O Ports

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|------------------------------|--|
| 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

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|-------------------------------|---|
| AC/DC Adapter | Input: 100 to 240V AC; Output: 19V, 230W Adapter |
| Battery Pack | 2 x Hot-Swappable Battery (11.4V, 5400mAh) 2 x Hot-Swappable Battery (11.4V, 8000mAh) (Optional) |
| Enclosure | ABS + PC Plastic and Magnesium-Aluminum Alloy |
| Dimensions (H x W x D) | 1.66 x 15.16 x 10.57 in/42.05 x 385 x 268.5 mm |
| Weight | 9.70 lbs/4.4 kg |
| Durability | IP65 |
| Certifications | FCC Class B, CE, RoHS, Energy Star 8.0, RCM 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% 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. 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

