

Explosion Proof Laptop

Cobic-Ex F112 LT

ATEX/IECEX Zone 2/22 Certified



Key Benefits

- ATEX and IECEx Zone 2/22 certified for hazardous environments
- Powerful 11th Gen Intel® Core™ processors for high performance
- Sunlight-readable 11.6" FHD display with 1000 nits brightness
- Including explosion-proof keyboard for increased efficiency
- Rugged design to withstand harsh industrial conditions
- Extended battery life for long shifts in the field

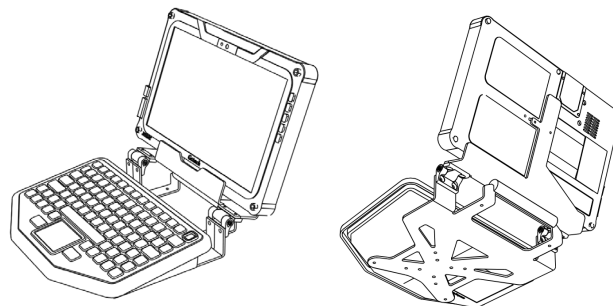


Explosion Proof Laptop for Hazardous Areas

The Cobic-Ex F112 LT combines the powerful Getac F110-Ex tablet with the rugged Armadex Ex BT-Key-02 keyboard to create a versatile, ATEX and IECEx certified laptop solution. Designed for use in potentially explosive atmospheres, it's ideal for oil and gas, pharmaceutical, chemical, and food industries.

Explosion Safety Specifications (ATEX)

| Component | Certification | Marking |
|---------------------------------|--|---|
| Tablet (Getac F110-Ex) | ATEX/IECEX Zone 2/22 Class 1 Div 2 available | Ex II 3G Ex ic op is IIC T4 Gc Ex II 3D Ex ic op is IIIC T130°C Dc |
| Keyboard (Armadex Ex BT-Key-02) | ATEX/IECEX Zone 2/22 Class 1 Div 2 available from November 2024 | 3G Exic IIC T6G II 3 D Ex ic IIIB T85°C Dc |



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System Specifications

| Feature | Description |
|------------------------------|---|
| Operating System | Windows 11 Pro |
| Processor Options | Intel® Core™ i5-1135G7 / i5-1145G7 vPro™ Intel® Core™ i7-1165G7 / i7-1185G7 vPro™ |
| Memory | 8GB DDR4 (expandable to 16GB/32GB) |
| Storage | 256GB PCIe NVMe SSD (optional 512GB/1TB/2TB) |
| Display | 11.6" IPS TFT LCD FHD (1920 x 1080), 1000 nits LumiBond® |
| Graphics | Intel® UHD Graphics |
| Wireless | Intel® Wi-Fi 6 AX201, 802.11ax, Bluetooth v5.2 |
| Optional Connectivity | 4G LTE, 5G, GPS, 10/100/1000 base-T Ethernet |
| I/O Interfaces | <ul style="list-style-type: none"> Thunderbolt™ 4 Type-C x 1 USB 3.2 Gen 2 Type-A x 1 Audio in/out combo x 1 Optional: Smart card reader, 1D/2D barcode reader, HF RFID reader, RJ45 en RS232 |
| Keyboard Features | The Armadex Ex BT-Key-02 keyboard enhances the Cobic-Ex F112 LT with: <ul style="list-style-type: none"> Industrial silicone rubber keys for durability Built-in touchpad for easy navigation Bluetooth connectivity for wireless use Rechargeable battery with 3-week average life |
| Rugged Features | <ul style="list-style-type: none"> MIL-STD-810H certified IP66 certified Vibration & 4ft (1.2m) drop resistant Operating temperature: -21°C to 60°C / -6°F to 140°F |
| Security Features | <ul style="list-style-type: none"> TPM 2.0 Optional: Intel® vPro™ Technology Optional: Windows Hello face-authentication camera Multiple authentication options (Smart Card, HF RFID, etc.) |

Power

| Component | Battery Specification |
|-----------------|--|
| Tablet | Dual Li-ion batteries (2680mAh each, optional high-capacity 4200mAh) |
| Keyboard | Rechargeable Lithium-Ion Battery |

Physical Specifications

| Component | Dimensions | Weight |
|-----------------|--|------------------|
| Tablet | 314 x 224 x 25mm (12.4" x 8.82" x 0.98") | 1.58kg (3.48lbs) |
| Keyboard | 305 x 195 x 50mm (12.01" x 7.75" x 2.03") | 0.54kg (1.2lbs) |

Warranty

3 years Bumper-to-Bumper warranty (standard)
1 year warranty on the Cobic-Ex mount and Armadex Ex BT-Key-02.

The Cobic-Ex F112 LT represents a significant advancement in explosion-proof computing, offering a perfect balance of safety, performance, and durability. Its versatile design, combining a powerful tablet with a detachable rugged keyboard, makes it an ideal solution for professionals working in hazardous environments across various industries.

