

# 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

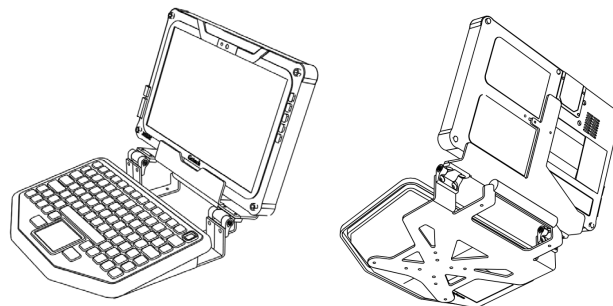


#### Explosion Proof Laptop for Hazardous Areas

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

#### Power

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

#### Physical Specifications

Component	Dimensions	Weight
<b>Tablet</b>	314 x 224 x 25mm (12.4" x 8.82" x 0.98")	1.58kg (3.48lbs)
<b>Keyboard</b>	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.



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#### Compatibility table for SD Memory Cards

Please note: SD Memory Card is mandatory to operate the camera.

Company / Series name	Capacity
<b>SanDisk</b> Extreme Pro SDXC UHS-I Card	256GB, 512GB, 1TB
<b>SanDisk</b> Extreme Pro SDHC/SDXC UHS-II Card (*1)	32GB, 64GB, 128GB, 256GB
<b>SanDisk</b> Extreme PLUS SDHC/SDXC UHS-I Card	32GB, 64GB, 128GB, 256GB
<b>KIOXIA</b> EXCERIA PRO SDXC UHS-II Memory Card (*1)	64GB, 128GB, 256GB
<b>KIOXIA</b> EXCERIA PLUS SDHC/SDXC UHS-I Memory Card	32GB, 64GB, 128GB, 256GB, 512GB, 1TB

(\*1)

The card slot supports UHS-I mode.

The camera will still operate at UHS-I speeds when a UHS-II card is inserted.



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