

Data Sheet

COBIC

Explosion Proof Laptop Cobic-Ex F112 LT



Supplied by

247cable.com

Call us on +44 (0)118 916 9420 | Email info@247able.com

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

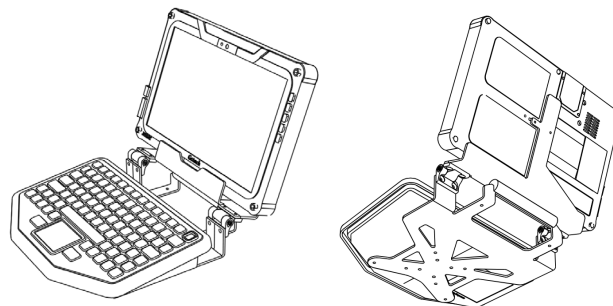


Explosion Proof Laptop for Hazardous Areas

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



Tinstraat 33
2984 AN Ridderkerk
The Netherlands

+31 (0) 180-472880
www.armadex.com
info@armadex.com



V1 | 10-2024

Explosion Proof Laptop

Cobic-Ex F112 LT

ATEX/IECEX Zone 2/22 Certified



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.

