

LAPTOP EX ZONE 2/22

ARMADEX COBIC-EX F112 LT

The Cobic-Ex F112 LT laptop is explosion-proof and designed for use in demanding environments such as the refining, chemical, food, and pharmaceutical industries. The device combines the Getac F110-Ex tablet with the Armadex Ex BT-Key-02 keyboard, offering a robust and efficient solution for professionals working in potentially explosive atmospheres.

Advantages:

- ATEX and IECEx (Zone 2/22) certifications for safe use in potentially explosive atmospheres.
- Modern 11th generation Intel® Core™ processor for high performance and smooth operation.
- 11.6-inch Full HD screen with 1000cd/m² (nits) brightness for excellent readability even in direct sunlight.
- Explosion-proof keyboard for increased comfort.
- Robust construction resistant to extreme industrial conditions, shocks, and drops.
- High-performance battery for long operation without frequent recharging.



ATEX:

Subassembly:	Certificate:	Ex feature:
Tablet (Getac F110-Ex)	ATEX/IECEx Zone 2/22	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	Ex II 3G Ex ic IIC T6 Gc Ex II 3D Ex ic IIIB T85°C Dc

LAPTOP EX ZONE 2/22

ARMADEX COBIC-EX F112 LT

Technical features:

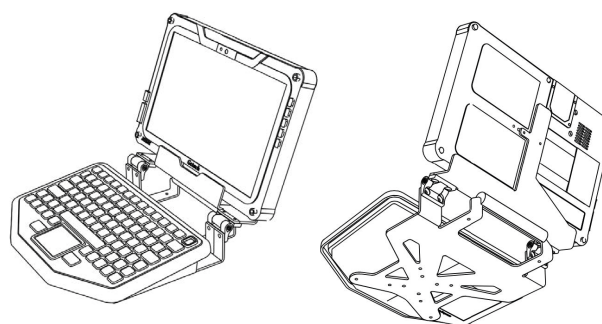
Operating system	Windows 11 Pro
Processor	Intel® Core™ i5-1135G7 / i5-1145G7 vPro™ Intel® Core™ i7-1165G7 / i7-1185G7 vPro™
Memory	8 GB DDR4 (expandable to 16 GB/32 GB)
Mass storage	256 GB PCIe NVMe SSD (optional 512 GB/1 TB/2 TB)
Display	11.6" IPS TFT LCD FHD (1920 x 1080), 1000 nits LumiBond®
Graphics	Intel® UHD Graphics
Wireless connectivity	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	- Thunderbolt™ 4 Type-C x 1 - USB 3.2 Gen 2 Type-A x 1 - Audio combo input/output x 1 - Optional: Smart card reader, 1D/2D barcode reader, HF RFID reader, RJ45, and RS232
Keyboard functions	The Armadex Ex BT-Key-02 keyboard enhances the Cobic-Ex F112 LT with: - Industrial silicone rubber keys for durability - Built-in touchpad for easy navigation - Bluetooth connectivity for wireless use - Battery with an average life of 3 weeks
Durable features	- MIL-STD-810H certification - IP66 certification - Vibration and drop resistance from a height of 1.2 m - Operating temperature: -21°C to 60°C
Safety features	- TPM 2.0 - Optional: Intel® vPro technology - Optional: Windows Hello facial recognition camera - Multiple authentication options (smart card, HF RFID, etc.)

Power supply:

Tablet:	Two lithium-ion batteries (2680 mAh each, optional 4200 mAh)
Keyboard:	Lithium-ion battery

Dimension:

Tablet:	Size: 314 x 224 x 25mm	Weight: 1.58kg
Keyboard:	Size: 305 x 195 x 50mm	Weight: 0.54kg



Warranty:

- 36 months Tablet (Getac F110-Ex) and Keyboard (Armadex Ex BT-Key-02)
- 12 months for mounting bracket (support) Cobic-Ex and Armadex Ex BT-Key-02