

Engineered for **Hazardous Locations.**

Certified for **Worker Safety.**



IECEx Zone 1/21



ATEX Zone 1/21

Purpose-Built for Hazardous Environments

The aXtion Extreme for iPad Mini (A17 Pro) is the industry's first third-party certified enclosure for iPads operating in IECEx and ATEX Zone 1/21 environments. Engineered specifically for **frontline professionals** in Oil & Gas, Chemical Plants, Food Processing, Marine, Semiconductors, Waste Treatment, Pharmaceuticals, Paint & Coatings, and Manufacturing, this rugged case ensures **productivity** and **safety**, even in the most volatile atmospheres.



Empowering the Connected Worker



Real-time compliance



Reduced downtime



Enhanced safety



Streamlined inspections



Seamless integration



Markets & Industries



Oil & Gas Field Operators



Chemical & Process Plants



Exploration & Safety Audits



Food Processing & Pharmaceuticals



Manufacturing QA & Compliance

HTA3021: The Next Generation of Hazardous Location Productivity



Premium aluminum alloy



Pressure-resistant
Glass screen
protector



Stainless steel IO port
with a secure latch



Seamlessly integrated
buttons



VESA 75 Mounting
Compatibility



1/4-inch universal
mounting



Features

1. Seamlessly integrated power and volume buttons
2. Reinforced corners
3. Rear-facing camera fully functional
4. Aerospace-grade aluminum alloy enclosure
5. VESA 75 mounting compatible
6. Premium adjustable anti-static leather hand strap
7. Regulatory label of IECEx and ATEX Certified for Zone 1/21 Hazardous Locations
8. Shoulder strap ports
9. Stainless steel IO port with latch
10. Pressure-resistant, multi-layered composite, anti-glare glass screen protector
11. 1/4-inch Universal Mounting 1/4-20 (UNC)



Why HTA3021 is the Superior Choice?

Designed for HSE, IT, Operations Field Engineers & Executive Decision Makers

HTA3021 is a Zone 1/21 certified, flameproof, AI ready mobile platform. It replaces both performance limited intrinsically safe tablets and heavy Windows-based Industrial PCs.

HTA3021 vs Typical Intrinsically Safe Tablet

Capability	HTA3021	Intrinsically Safe Tablet
Explosion Protection	IECEx Zone 1/Zone 21 (Ex db)	IECEx Zone 1 (Ex ib)
Design Focus	Safety + high performance computing	Safety first, performance limited
Processor	Apple A17 Pro (3nm)	Legacy mobile chipset
AI Capability	35 TOPS – AI ready	Minimal or none
Software Platform	iOS + Apple ecosystem	Limited Android ecosystem
Warranty	2 Years	1 Year
Cost Profile	Lower total cost of ownership	Higher lifecycle cost

HTA3021 vs Typical Windows-Based Industrial PC (IPC)

Category	HTA3021	Windows-Based IPC
Hazardous Area Rating	IECEx Zone 1 / Zone 21 (Ex db)	IECEx Zone 2 / Zone 22(Ex ic)
Design Philosophy	Mobile first safety+performance	Laptop based rugged computing
Processor	Apple A17 Pro (3nm)	x86 Core class processor
AI Capability	35 TOPS – on device AI	AI specs on paper
Camera & Video	12MP + 4K @ 60fps	Basic camera / 1080p
Ingress Protection	IP68	IP66
Operating System	iPadOS (touch first)	Windows (desktop OS)
Mobility	Handheld, one hand operation	Tablet / laptop form factor
Cost Profile	Lower TCO	Higher upfront & lifecycle cost

Strategic Benefits for Your Team

HSE Wider Zone 1/21 deployment with improved inspection visibility.

IT Enterprise grade Apple platform with ABM, MDM, and long OS lifecycle.

Operations Faster workflows, better cameras, higher frontline adoption.

CXO Lower total cost, reduced friction, AI aligned strategy.

“Typical intrinsically safe tablets avoid risk, and Windows IPCs adapt laptops for hazardous areas. HTA3021 unifies safety, mobility, and intelligence into one scalable productivity platform.”



HTA3021 enclosure with iPad mini (A17 Pro)

Category	HTA 3021 iPad mini
Explosion Proof Rating	ATEX / IECEx Zone 1/21
Explosion Proof Type	Flameproof (Ex d) • IECEx - Ex db IIC T6 Gb Ex tb IIIC T85C Db • ATEX - Ex II 2G Ex db IIC T6 Gb Ex II 2D Ex tb IIIC T85C Db
Processor (CPU)	A17 Pro (3nm)
Computing Power (NPU)	35 TOPS
Screen Size / Brightness	8.3 inch / 500 nits
Environmental Temp	-20°C ~ +50°C
Operating Temp	-20°C ~ +50°C
Storage Temp	-20°C ~ +45°C
Camera	12MP (Rear) / 12MP (Front)
Video Resolution	4K @ 60 fps
Waterproof Rating	IP68
Military Certification	MIL-STD-810H
Warranty	2 Years
Device Weight	Approx. 297g
Case Weight	Approx. 1103g
Total Weight	Approx. 1400g

Accessories (Optional items)

Optional items are available upon request.



ESD Hand
Gloves



Carry
Bag

4-points Universal Shoulder Strap
with Harness



Universal
Shoulder Strap
(2-point)



Multi-devices
charging cabinet
(Reference pics)

Hazardous
Locations
Certified



IECEx Zone 1/21



ATEX Zone 1/21

Military Grade
Shockproof

Waterproof

IECEx & ATEX
Zone 1/21 Certified



Case Specifications:

- **Dimensions:** 19.2 x 24.8 x 2.7cm
- **Weight:** 1103g (Enclosure only)
- **Shockproof Rating:** MIL-STD-810H
- **Waterproof Rating:** IP68

Compliance Info:

- **IECEx** - Ex db IIC T6 Gb
Ex tb IIIC T85°C Db
- **ATEX** -  Ex II 2G Ex db IIC T6 Gb
Ex II 2D Ex tb IIIC T85°C Db
- **Compatible Models:** iPad mini A17 Pro (A2993, A2995)

Warranty Coverage

The case is covered under a two-year manufacturing warranty from the date of purchase and can be replaced free of charge for any manufacturing defect.