

## Certified computer room cold aisle explosion-proof type



### Overview

C1D2 (Class I, Division 2), C2D2 (Class II, Division 2), and ATEX certified computers are designed to operate safely in these conditions, reducing the risk of ignition and ensuring compliance with safety regulations. In hazardous environments where flammable gases, vapors, or dust are present, standard computers pose a serious safety risk., hazardous. XNAIR builds certified explosion-proof cold rooms for sensitive industrial electronics in chemical environments. Our solutions integrate ATEX/IECEX-compliant systems with precision temperature control (-40°C to +30°C), preventing electrostatic hazards for PCB storage, semiconductors, and reactive. Atex Certified Computer Enclosure for Zones 2/22 or 1/21 available in different sizes and designs wether it be an 'All-in-one' PC or a normal PC + a TFT screen. A range of keyboards are available with mouse pad or trackball.

## Article Content

Industrial Electronics Ex-proof Cold Storage Solutions-XNAIR ...

ATEX-certified explosion-proof cold rooms by XNAIR. Precision temperature control (-40°C to +30°C) for electronics storage in hazardous areas. Design,...

Explosion Proof Enclosures | Complete Hazardous Area Guide

Learn everything about explosion proof enclosures for hazardous areas—design, certification, and industrial applications with ATEX, IECEx, and Class I Div compliance.

Hazardous Location (Explosion Proof) Computers

These computers are explosion proof, meaning they will not produce a sparks that could cause an explosion in certain conditions. Therefore, they are safe to use in hazardous environments, where ...

Intrinsically Safe Computer/HMI | Explosion Proof & Atex ...

Atexshop offers explosion proof Computers and HMI Panels for use in hazardous areas. Our atex certified Computer/HMI are available for sale.

Atex Enclosures for Computers

To minimize the air consumption a valve module with a pressure-controlled leakage compensation is used. The system works without purging, and is thus ready for use once no gas is detected. The ...

ATEX Panel PC

Winmate's ATEX panel PC makes them suitable for nearly any oil and gas application. Our explosion-proof rugged computing solutions are designed to integrate seamlessly into your workflow, allowing ...

Explosion-Proof Ratings Guide: ATEX, Class I & II | 2M

This guide explains the major certification systems and breaks down the meanings behind their explosion proof ratings so you can choose the right equipment with confidence.

Class 1 Div 2 Panel PC Price Guide, Screen Sizes & Mounting ...

A Class I Division 2 panel PC is an industrial-grade computer and touchscreen combined into a sealed, certified enclosure for areas where explosive gases or vapors are not normally present, ...

Certified Explosion-Proof Cold Storage Solutions | LengdiCold

Certified explosion-proof cold storage solutions for hazardous locations. We design and build compliant facilities for the chemical and industrial sectors.

## C1D2, C2D2 Explosion Proof Computers

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## Contact Us

For more information, pricing, or custom solutions, please contact us:

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