

# IPC-BDXD0U-0000-A00C

**ATEX and IECEx Zone 2, C1D2 Certified Din Rail PCs  
Rugged Thin Clients with ACP ThinManager-Ready®**



## Features and Benefits

- ThinManager-Ready® Thin Clients with ACP Enabled BIOS
- ATEX & IECEx Zone 2 Certified, II 3 G Ex nA IIC T4 Gc, IP54
- UL listed Class 1, Division 2 Groups A-D Hazardous Locations
- Zone 2 Category 3 Compliance with IEC 60079-0 & 60079-15
- Rugged Design for Maintenance-free, Continuous Operation
- High-Performance, Quad-Core, Intel® Celeron® CPU N2930
- High Performance with Optimized Power Consumption
- Zero-Maintenance Continuous Operation w/o Fan, and Hard Disk
- 1 x mSATA, 1 x SSD, 1 x DDR3 up to 8GB
- 3 x USB, 2 x COM, 4 x LAN, 1 x VGA, DIDO, Audio, & 24V DC
- -20°C < Tamb < 60°C, Wide Operating Temperature Range

## Introduction

The AIS ThinManager-Ready®, Rugged, Thin Client and Din Rail IPC with ACP-enabled BIOS is designed and certified to meet NEC/CEC Class/Division, ATEX Directive 94/9/EC, and IECEx Zone standards for increased safety in industrial PC in Division 2 and Zone 2 control, measuring, testing, data collection, and communication applications. AIS offers UL Class 1 Division 2 (C1D2 or Class 1 Div 2), Groups A, B, C, D, T4A, ATEX 94/9/EC Zone 2 Category 3, and IECEx Zone 2, Ex “nA”, T4 certification on its Hazardous Areas Industrial Din Rail PCs and Hazardous Locations (Hazlocs) embedded computers which are primarily designed for the volatile and harsh environments.

## Specifications

General	
Power Consumption	25W max.
Mounting	DIN Rail
Certifications	ATEX II 3 G Ex nA IIC T4 Gc, C1D2, UL 508
Weight	4.8lbs / 2.2kg
Dimensions	193mm x 65.4mm x 152mm (L x W x H)
Enclosure Housing	Metal housing
OS support	WES7, Windows embedded 8.1 standard and industrial
Power Requirement	9-36V DC IN(Isolation)

System Hardware	
CPU	Intel® Celeron® Bay Trail-M N2930 2.16Ghz
Memory	4GB DDR3L 1333Mhz SO-DIMM
Storage	64GB mSATA SSD
Audio	1 x Line out, Lin in, Mic in
Display	1 x VGA
System Hardware	
Indicators	Power LED indicator
I/O Interface	
Serial Ports	1 x RS232(Default), 1 x RS422/485(Isolation)
LAN	4 x RJ-45 (Giga LAN)
USB	1 x USB3.0, 3 x USB2.0
Environment	
Temperature(Operating)	-20°C to 60°C
Temperature(Storage)	-40°C to 80°C
Humidity(Operating)	5% to 95%(non-condensing)
Ingress Protection	IP54
Humidity(Storage)	5% to 95% (non condensing)

Unit: mm

