

# IPC-BCND0U-0000-A00C

Optimized Performance with Intel® Celeron® Processor  
ThinManager-Ready® Thin Clients, ACP-enabled BIOS



## Features and Benefits

- Industrial thin clients and PCs that are ACP ThinManager-Ready®
- Thin clients with optimized performance in a compact design
- Rugged design for maintenance-free, continuous operation
- Intel® Celeron® Processor N2930, 2M Cache, up to 2.16 GHz
- An onboard non-volatile DDR3L-1333 high bandwidth memory
- High-speed Ethernet & USB 3.0 ports, and flexible serial ports
- Intel HD graphics supports DirectX 11.1, OpenCL /GL, & videos
- A 24 V DC (9.6 V to 36.0 V) isolated industrial power supply
- Supports single VGA up to 1920 x 1200 maximum resolution
- A compact, lightweight, and rugged aluminum die-cast housing
- Fanless operation up to ambient temperatures of 50°C
- UL listing, CE Marking & CB Scheme, FCC and CE compliant

## Introduction

The AIS ThinManager-Ready®, Compact, Thin Client and Box IPC with ACP-enabled BIOS is a compact embedded computer, providing centralized management solutions for the modern factory & office by simplifying management of applications and visual sources. It utilizes an Intel® Celeron® Processor N2930, on-board non-volatile DDR3L-1333 memory and a standard SD card slot. This new series Box IPC delivers a great combination of performance and features in a lightweight aluminum die-cast housing. They are easy to service, low-maintenance, space-saving, fanless and are able to withstand high electromagnetic environments and are resistant to shock and vibration.

## Specifications

| System hardware     |   |
|---------------------|---|
| Processor           | Intel® Celeron® N2930 Processor; 2M Cache up to 2.16 GHz, 7.5 W maximum TDP   |
| Cores / speed       | 4 / 1.83 GHz  |
| Memory / # of slots | On board 4 GB DDR3  |
| Graphics / video    | Intel HD graphics; DirectX 11.1, OpenCL /GL, and 4K videos Quick Sync encoder |
| Drives              |   |
| Mass storage        | 1 x 1.8" half size SATA (16 GB SSD)   |
| Secondary storage   | 1 x SD slot   |
| Optical drives      | Connection via USB port   |

| Interface ports                     |   |
|-------------------------------------|---|
| Ethernet                            | 2 x Ethernet TCP/IP - RJ45  |
| USB                                 | 1 x USB 2.0, 1 x USB 3.0  |
| Serial                              | COM1: RS232/422/485; COM2: RS232  |
| Audio                               | 1 x Line-out  |
| General features                    |   |
| Current supply                      | 24 V DC; 9.6 to 28.8 V, isolated  |
| Mounting options                    | Wal mount   |
| Packages / bundles                  | ACP ThinManager-Ready®  |
| Environment / ambient conditions    |   |
| Degree of protection / thermal      | IP20 / Type 1   |
| Electromagnetic compatibility       | CE, FCC A, EN 61000-6-4, EN 61000-6-3, CISPR22, RoHS                        |
| Vibration during operation          | Tested according to DIN IEC 60068-2-6: 10-500 Hz: 1G / 3 axis               |
| Shock during operation              | Tested according to DIN IEC 60068-2-27: 15 gn for 11 ms                     |
| Ambient temperature                 | 0...50°C (32...122°F)   |
| Relative humidity                   | 10% to 95% at 40°C (no condensation)  |
| Certifications / regulations        | UL/cUL/IEC 61010-1, UL/cUL/IEC 62368-1, CB reports available for all models |
| Dimensions                          |   |
| Installation dimensions (W x H x D) | 245.25 x 139.8 x 29.2 mm  |
| Product weight (lb / kg)            | 2.3lbs / 1  |
| Contractual warranty                |   |
| Period                              | 12 months   |

Unit: mm

