HMI-CSND1U-0000-A01H

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

246,25

233,25

218,25

139,8

136

94

18

⌀4

⌀4

Line-Out   SW   + -   HDMI   USB   LAN 1   LAN 2   COM 1   COM 2

+ - FG
DC9~36V

29

29,2

28