



H1400811-8.4R-AL

H1400811-15R-AL

HazPAC[®] 10 Rugged Panel PC

Part: H1400811-8.4R-AL, H1400811-15R-AL | **Model:** HazPAC[®] 10

The HazPAC[®] 10 Rugged Panel PC for industrial and extreme environments is certified by ATEX, IECEx, and for Class I, Division 2 (Groups A, B, C, D, T4) for H1400811-15R-AL (15" version) and Class I, Division 2 (Groups A, B, C, D, T5) for H1400811-8.4R-AL (8.4" version). Designed for Windows 10[®] IoT Embedded, the HazPAC 10 system delivers powerful Intel[®] processing combined with a bright, LCD, five-wire resistive touchscreen. The fanless industrial computer features a wide -40°C to 60°C operating temperature making it perfect for a wide variety of control and HMI applications. The touchscreen integrates a glass surface that is waterproof, and impervious to flames, chemicals, solvents and stylus use for maximum abrasion and scratch resistance.

Resilient & Reliable

The HazPAC 10's aluminum front bezel maintains NEMA 4/IP64 protection from sprayed liquids including rain, snow, splashes, hose downs and other pressurized water streams. For further protection, the bezel is sealed against dust and dirt. With its Class I, Division 2 rating, the HazPAC 10 is also approved for locations where flammable liquids or gases are handled and processed.

Intense I/O & Future Proof Design

Powered by an Intel Atom[®] E3845 quad-core processor, the system has 8GB of DDR3 RAM and a 64GB CFAST SSD port for maximum performance in embedded systems. Standard I/O includes Ethernet, serial, USB and digital interfaces, as well as an mPCIe expansion slot. The COM Express design allows for potential upgrades, future-proofing the hardware.

Secure Software for the Edge

Microsoft Windows 10 IoT ENT LTSC is factory-installed to provide the fastest time to market and flexibility for customer-specific software. Sealevel SeaCOM and SeaMAX hardware drivers are included to support system I/O. Serial application code samples assist with custom application development and complete support documentation expedites configuration.



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Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33 | info@alcom.be | www.alcom.be
Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands | Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl

Features & Specifications

The HazPAC® 10 Rugged Panel PC

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Features

- Durable 5-wire resistive touchscreen with glass surface is abrasion and scratch-resistant
- Intel Atom E3845 quad-core processor
- Includes 8GB DDR3 RAM and 64GB MLC Flash
- (3) Gigabit Ethernet ports
- (4) USB 2.0 ports
- (4) Open collector digital outputs
- (2) Isolated RS-422/485 serial ports
- (2) Non-isolated RS-232 serial ports
- NEMA 4/IP64 front bezel
- EMC: FCC/ISED Class A, CE
- Class I, Division 2 Groups A, B, C, D, T4
- ATEX/IECEX: 3 G Ex ic ec IIC T4 Gc
- 12-27V input power via removable terminal block
- Windows 10 IoT ENT LTSC
- Wide -40°C to 60°C operating temperature range

Specifications

Family	HazPAC
Certifications	CE, CCC, ATEX/IECEX: 3 G Ex ic ec IIC T4 Gc 15" Model - FCC/ISED Class A, Class 1 Division 2 (Groups A, B, C, D, T4) 8.4" Model - FCC/ISED Class A, Class 1 Division 2 (Groups A, B, C, D, T5)
CPU	Intel Atom E3845 Quad-Core
Dimensions	8.4" - 11.0" (L) x 9.0" (W) x 2.8" (H) 15" - 16.6" (L) x 12.7" (W) x 2.8" (H)
Screen Size	8.4" LCD 15" LCD
Approximate Weight	8.4" - 5.6 lbs 15" - 11.4 lbs
Native Resolution	800x600 (8.4") 1024x768 (15")
Contrast Ratio	8.4" - 600 15" - 2500
Touchscreen	5-Wire Resistive (Glass Surface)
Brightness	Typical 450 Nit
Max RAM	8 GB
Oscillator	USB
Power Requirement	12-27V
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity Range	10 – 90% Relative Humidity, Non-Condensing