

AUP117AT-C1D2

Class I, Division 2 Certified Intel® Atom™ D510 DIN-rail PC with 3 x LAN, 2 x COM, VGA, Mini-PCle



Features:

- UL listed for Hazardous Locations: Class I, Division 2
- Onboard Intel® Atom D510 1.67GHz
- Onboard 1 MB battery-backup SRAM
- System diagnosis through led and digital output, remote power control through digital input
- Two RS-232/422/485 ports with automatic flow control
- Three 10/100/1000 Base-T RJ-45 ports with teaming function support
- 4 x external USB
- PC/104+ expansion slots option
- 1 x Mini-PCle slot for WLAN card and Fieldbus card
- Windows 7, Windows CE, XP Embedded and Linux support
- Fanless design with no internal cabling
- Isolation between chassis and power ground

In hazardous locations, devices are in the risks from flammable gases, combustible dust, or ignitable fibers, creating the potential for fire and explosions. AUP117AT-C1D2 is designed to stand and operate in these locations and are UL listed for Hazardous Locations with Class I, Division 2, groups A, B, C, D & T5 certification. The AUP117AT-C1D2 is an Intel Atom DIN-rail PC which features an innovative system diagnosis feature for automation applications. They provide alarms for over temperature, over voltage, battery power fail, power status on both system onboard LED and Digital output. They also include remote power control through digital input. These system diagnosis features enable control and monitoring of system status remotely. Three Gigabit Ethernet interfaces with teaming function support allow users to uplink two ports with data transmission fault tolerance and downlink one port to field device.

General	Power Consumption	24 W (Typical)
	Mounting	DIN-rail, Wallmount
	Certifications	CE, FCC class A, UL, CCC
	Weight	1.6 kg
	Dimensions	85.5 x 152 x 139 mm (3.4" x 6" x 5.5")
	Enclosure Housing	Aluminum + SECC
	OS Support	WES Windows XP Embedded, Windows XP & Windows 7, Windows CE 6.0, Linux, QNX
	Power Requirement	9 ~ 36 VDC (e.g +24 V @ 2 A) (Min. 48 W), AT
	System Design	Fanless with no internal cabling
	Remote Management	Built-in Advantech DiagAnywhere agent on Windows CE/XPe
System Hardware	CPU	Intel Atom D510, 1.67 GHz
	Memory	2 GB DDR2 SDRAM built-in
	Storage	SSD: 1 x internal type I/II CompactFlash slot, HDD: one 2.5" SATA HDD bracket
	Keyboard/Mouse Ports	1 x PS/2
	Audio	5.1 channel HD Audio, Mic in, Line in, Line out
	Display	DB15 VGA connector, 1600 x 1200 @ 85 Hz
Processor System	Watchdog Timer	Programmable 256 levels timer interval, from 1 to 255 sec
System Hardware	Indicators	LEDs for Power, IDE, LAN (Active, Status), Serial (Tx, Rx), Alarm for battery backup SRAM and diagnosis (programmable), Buzzer for Diagnosis (programmable)
	Battery Backup Memory	1 MB
I/O Interface	Serial Ports	2 x RS-232/422/485 with DB9 connectors, Automatic RS-485 data flow control, 2 x RS-232(optional, pin header)
	LAN	3 x 10/100 Base-T RJ-45 ports (supports Wake on LAN, built-in boot ROM)
	USB	4 x USB, EHCI, Rev. 2.0 compliant (1 is for USB dongle inside chassis)
Environment	Temperature (Operating)	-10 ~ 65° C (14 ~ 149° F)
	Temperature (Storage)	-20 ~ 80° C (-4 ~ 176° F)
	Humidity (Operating)	20 ~ 95% (Non-condensing)
	Ingress Protection	IP40
	Humidity (Storage)	0 ~ 95% (non-condensing)

