ATEX Certified Stainless Steel Panel PC

ATEX Certified

The AEx-P526 provides ATEX category EN60079- 15(n) certifird and is defined in Group I Zone 2 which means that explosive gas mixtures in the environment may occur during normal operation.

Coal Mine & Gas / Oil Industry

How to transport these natural resource from the mine / oil or gas pipe to the warehouse is the issue because they are valuable items . Therefore to ensure that the correct weight and products arrive at the warehouse, a method of checking is required. Moreover, the device are needed to be installed in harsh environment, so the robust and reliable capable of operating within wide range of temperature are necessary. AEx-P526 with ATEX certifird is designed for abovementioned circumstances.

- 15" TFT LCD
- Intel Atom D2550 processor
- IP65 dustproof and waterproof
- ATEX95-n/EN60079-15(n)
- Application for hazardous locations

AEx-P526

ATEX Certified
Intel® Atom™ D2550
Stainless Steel Panel PC

- ◎ Intel® Atom™ D2550
- ◎ Low Power Consumption Processor
- ◎ ATEX95-n / EN60079-15
- ◎ SS 316 Stainless Steel Enclosure
- ◎ 5 Wire Resistive Touch
- ◎ IP65 Dustproof and Waterproof
- ◎ Wide Range DC 11~32V Power Input

Fanless

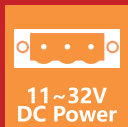**Touch Screen**

IP65 F Panel

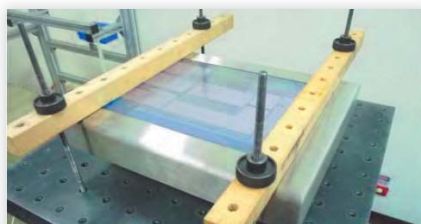**11~32V DC Power**

-20~60°C

Wide Temp Option

About
Features

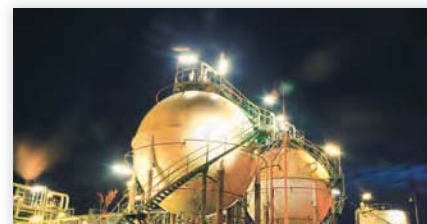Low power consumption processor

Total IP65 grade
with M12 Waterproof connectors

Anti-Shock and Anti-Vibration

SS 316 Stainless steel

All in one design, easy to maintain

Solid and reliability for
hazard applications

All specifications and photos are subject to change without notice.

AEx-P526

ATEX Certified Intel® Atom™ D2550 Stainless Steel Panel PC

Specifications

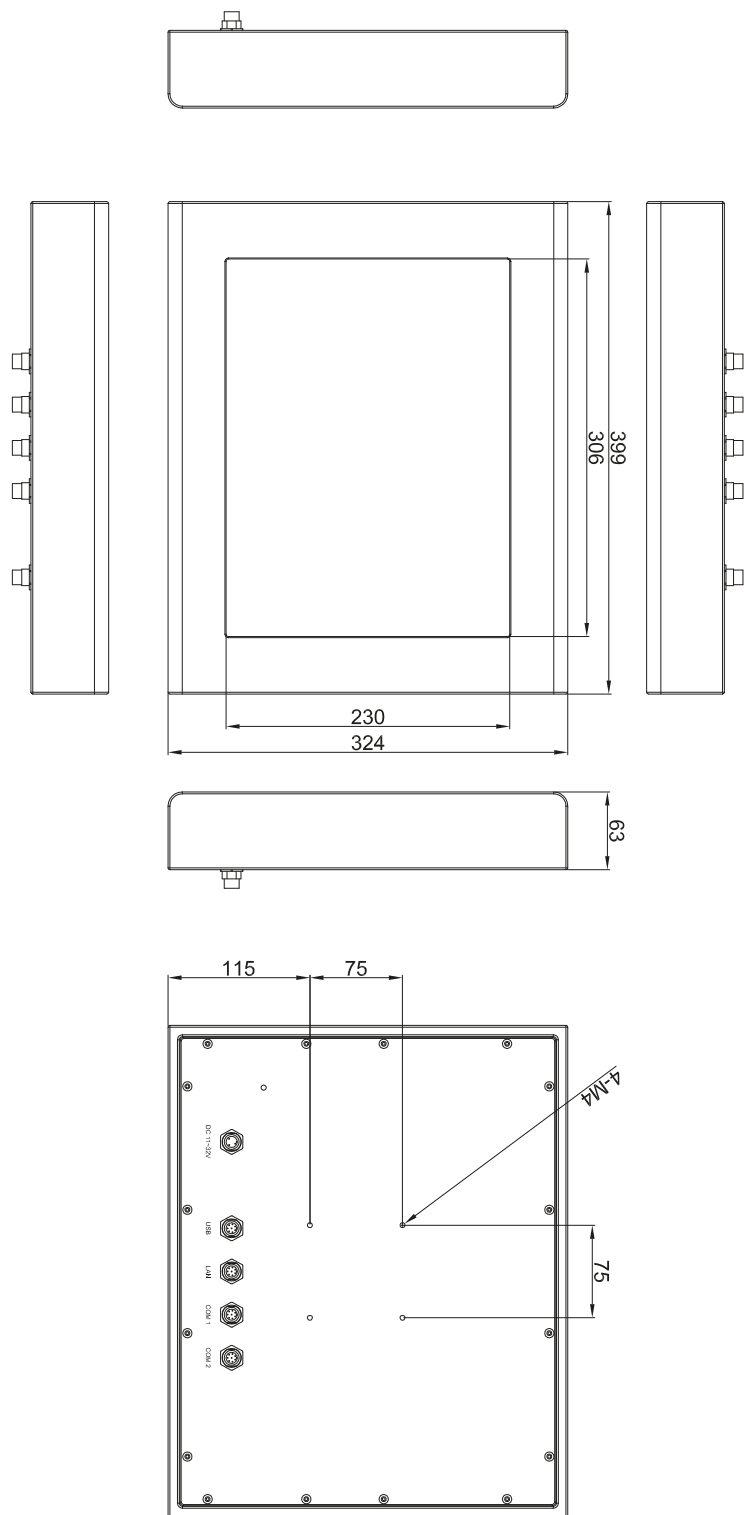| Model Name	AEx-P526
System	
Processor	Intel Atom Processor D2550 (1M Cache, 1.8 GHz)
System Chipset	Intel NM10 Express
System Memory	Onboard 2GB DDR3 800 MHz, 4GB for option
External I/O	
USB	1 x M12 8pin for 2 x USB2.0
Serial/Parallel	1 x M12 8pin for COM 1/RS-232/422/485 (Default RS-232) 1 x M12 8pin for COM2/RS-232
LAN	1 x M12 8pin for LAN
Audio	None
Digital I/O	None
Membrane control	None
Power connector	1 x M12 3pin DC power connector
Storage Space	
HDD	1 x 2.5" SATA2 HDD or SSD
Movable device	1 x Internal SD slot
Expansion	
On board expansion bus	1 x Mini PCIe half size slot
Expansion slot	None
Display	
Display type	15" TFT-LCD
Max. resolution	1024 x 768
Max. color	16.7M
Luminance(cd/m²)	400
View angle(H°/V°)	160/140
Contrast	700:1
Backlight lifetime(hrs)	50000
Touch Screen	
Type	Resistive
Interface	RS-232
Light transmission(%)	80%
Power	
Power input	11~32V DC
Power Consumption	Max:24.33W
Mechanical	
Construction	316 Stainless steel
IP rating	Total IP65
Mounting	VESA 75 x 75
Dimension(mm)	399 x 324 x 63
Net weight(Kg)	6.9
Environment	
Operating temperature(°C)	-20~50(Option -20~60)
Storage temperature(°C)	-30~70
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE/FCC Class A/ATEX95-n/EN60079-15
Operating System Support	

Microsoft Windows 7 pro for embedded, Windows embedded standard 7

Stainless Steel Panel PC

Industrial Panel PC

HMI

Embedded Box PC

Display

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ATEX Certified Intel® Atom™ D2550 Stainless Steel Panel PC

Dimensions

AEx-P526

399
306
230
324
63
115
75
4-M4
75

DC 11~32V
USB
LAN
COM 1
COM 2

unit:mm

Ordering information

Model NO.	Description
AEx-P526	15" XGA IP65 Intel Atom D2550 1.8G CPU fan less panel PC, 2GB DDR3 memory, 32G SSD, resistive touch, DC 11~32V power input, 316 stainless steel enclosure