



Note: shown with KB2-IS



The PC-EX1 provides full PC functionality in hazardous areas.

It comprises an explosion proof (Ex d) computer which may be connected to the optional intrinsically safe QWERTY keyboard and pointer.

The system provides an affordable compact PC for hazardous areas. It is less expensive than purged systems and does not require the high level of maintenance associated with them.

The unit is well suited for the oil and gas industry, petrochemical, paint lines etc.

FEATURES

- COMPACT
- FULL QWERTY KEYBOARD
- CLEAR COLOUR TFT DISPLAY
- SIMPLE INSTALLATION
- RUGGED
- SEALED TO IP65
- SHOCK MOUNTED PC CHASSIS





PC EX1

"PCEX1 - a Tough Computer for Tough Conditions"

GENERAL SPECIFICATIONS

POWER:	87 ~264 VAC, 47~63 Hz, 60W (others available on request)
CONSTRUCTION:	PC -Cast aluminium, glass window. Keyboard -Stainless steel, Powder coated. Polyester membrane with stainless steel overlay
ENVIRONMENTAL:	
Sealing:	IP64/NEMA4
Temperature:	Operating 0-50 ⁰ C Non-Operating -20 ⁰ C to + 70 ⁰ C
Humidity	10-90% RH internal (non condensing) 0-100% RH external
Shock:	15g (11 mS duration) 3 axis (operating & non operating)
KEYBOARD:	82 key QWERTY membrane keys with tactile feedback
DISPLAY:	10.4" 640x480 Colour TFT or 12.1" 800 x 600 colour TFT
BARRIERS INCLUDED:	A single dual channel Zener barrier is required
APPROVALS:	PC ENCLOSURE: AS2380.1—1989.AS2380.2—1991 (INCORPORATING AMENDMENT 1) & as 1939-1990 Exd iiB T2-T6 IP65 class1 zone 1: Certificate Number: EX350-4 7/12/95 KEYBOARD: Australian standard 2380.1—1989,2380.7—1987 & 1939—1990 Certificate Number EX3061X.

CONFIGURATION

MOTHERBOARD:	Nexcom EBC569LP6 onboard LAN, VGA and AUDIO
C.P.U	Embedded VIA EDEN Series Ultra Low Power CPU 667 MHZ
RAM:	256Mb SDRAM standard
H.D.D:	2.5" 20Gb standard
F.D.D:	3.5" FDD