



THE 1402-Z2

ZONE 2 PC

With easy-to-use features, touchscreen controls and a super-bright, 1000 or 400 Nits glove friendly, multi-touch 15.6" sunlight viewable widescreen. Lightweight, rugged, IP66 and field maintainable.



LIGHT & SLIM

Weighing in at just 9kg / 19.8lbs the 1402-Z2 is just 101mm / 3.98" thin



FULLY CERTIFIED

Certified to ATEX, UKEX, IECEx, NEC 505(AEX) CSA 22.1 Canadian Electrical Code (CEC) Section 18



CRISP & BRIGHT DISPLAY

A high-bright 1000 or 400 Nits display (in the lightest of enclosures)



SUPER FAST PROCESSOR

Intel 11th Gen Tiger Lake Core i7-1185GRE



PRECISION ENGINEERED

Fabricated for Extreme Lightness from Aircraft Grade Aluminium

HMI ELEMENTS

PRODUCT TYPE	PC Workstation	
MODEL NO	1402-Z2	
TYPICAL EX CERTIFICATION	Zone 2 hazardous area for gas and dust. ATEX, UKEX, IECEx, NEC 505 (AEx), CSA 22.1 Canadian Electrical Code (CEC) Section 18. II3 G D, ex ec ic IIC T4 T135°C Dc	
POWER SUPPLY	AC universal 100-240Vac	
TOUCHSCREEN	Projective Capacitive Technology (PCT) - Multi Touch, Glove friendly	
DISPLAY SIZE	15.6" Wide Screen - Aspect ratio 16:9	
BRIGHTNESS	1000 Nits or 400 Nits options	
RESOLUTION	FHD AAS; 1920 x 1080p, wide viewing angle, 24bit (16.2M) colours	
PROCESSOR OPTIONS	Intel 11th Gen Tiger Lake Core i7-1185GRE	
OPERATING SYSTEM	Windows 11 IoT Ent, Windows 10 IoT Enterprise LTSC	
SIDE PANEL CONTROLS	Screen brightness, Power on-off	
DIAGNOSTICS	Dual colour LED diagnostic indicator Power sequencing and heater control indicator	
SSD OPTIONS	Up-to 2x SATA 3.0	SSD : High Endurance and Standard Endurance options. SSD sizes available from 64Gb to 1TB
RAM	8GB, 16GB, 32GB & 64GB	
LAN	2 x Intel I225-LM (10/100/1000 mbps)	
WI-FI (OPTION)	IEEE 802.11 ac/a/b/g/n (2.4GHz and 5GHz)	
BLUETOOTH (OPTION)	V5.2	
USB	2 x USB 2.0	
SERIAL COMMUNICATIONS	2 x COM ports Supporting RS232, RS422 or RS485	
I/O PLATE	Interchangeable bottom or rear mounted Cable glands or connectors are optional	
INGRESS PROTECTION	IP66 / NEMA4X	
OPERATING TEMPERATURE	-40°C to +60°C (-40°F to +140°F)	
STORAGE TEMPERATURE	-40°C to +70°C (-40°F to +158°F)	
HUMIDITY	10 - 90% non-condensing (operating)	
MAX DIMENSIONS	w408mm (16.06") x h254mm (10") x d101mm (3.98") Optional lifting handle increases height to 274mm (10.79")	
WEIGHT	9kg/19.8lbs excluding connectors, cables, and accessories	
MOUNTING OPTIONS	VESA (100mm x 100mm), Yoke, Panel, Desktop	
LIFTING OPTIONS	Top mounting Lifting handle available	
EMC	Emissions/Immunity : Class A Certified under EN55032, EN55035, FCC Radio : ESTI EN301489	

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Design and specifications subject to change without notice. Errors and omission excepted.

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HMI ELEMENTS
REFINED STRENGTH