HMi ELEMENTS™
REFINED STRENGTH

THE 1302-Z2

19“ ZONE 2 HUMAN-MACHINE INTERFACE

With ease-to-use features, touchscreen controls and a super-bright, 1000 Nit, glove friendly, multi-touch 19” sunlight viewable display.

Lightweight, rugged, IP66 and field maintanable.



FULLY CERTIFIED
Certified to ATEX, IECEx, UKEX
NEC505 (AEx)
CEC CSA 22.2 Section 18

LIGHT & SLIM
Weighing in at just 13kg (28.6lbs), the 1302-Z2 is 95mm (3.74”) thin and is able to be carried by just 1 person.

CRISP & BRIGHT DISPLAY
A high-bright 1000 nit display in the lightest of enclosures.

SUPER FAST PROCESSOR
The intel core i7 processor works 100% from -40°C to +60°C

PRECISION ENGINEERED
Machined from a single piece of aluminium, this is precision engineering at its finest.

HMI ELEMENTS

PRODUCT TYPE	PC Workstation
MODEL NO	1302-Z2
TYPICAL EX CODE	**ATEX :** II 3GD : Ex nA IIC Gc : Ex nA [ic] IIC T4 Gc **IECEx :** Ex nA [ic] IIC Gc : Ex tc IIIC T135°C Dc **USA:** Class1, Div2, Groups ABCD T4 : Class2 Div1, Groups EFG T135°C : Class1 Zone2 AEx nA [ic] IIC T4 : Zone21 AEx tb [ic] IIIC T135°C **Canada :** Ex nA [ic] IIC T4 : Ex tb [ic] IIIC T135°C Db
TOUCH SCREEN	Projected Capacitive Technology (PCT) - Multi Touch, Glove Friendly, Rain rejecting
POWER SUPPLY	AC 100 - 240V, 50/60H, Universal Input. DC 24V (18-36vac)
DISPLAY SIZE	19" 5:4 Aspect Ratio
DISPLAY TYPE	Sunlight Viewable 1000 NIT LCD
RESOLUTION	SXGA; 1280 x 1024, wide viewing angle, 24 bit colour
PROCESSOR OPTIONS	Intel Core i7, 11th Gen Tigerlake i7-1185G7E
OPERATING SYSTEM	Windows 11 IoT Enterprise LTSC, Windows 10 IoT Enterprise LTSC
SSD OPTIONS	80GB SSD (standard), also available 160GB or 320GB SSD + second drive 80, 160, 320 GB SSD (optional)
RAM	8GB + performance option to upgrade to 16GB or 32GB
COMM OPTIONS	2 copper Ethernet ports, triple speed 10/100/1G Mb/s. Or, 1 copper Ethernet port + 1 Fiber 100base FX Ethernet port; 1310nm multimode. Or, 2 Fiber 100base FX Ethernet ports; 1310nm multimode. WiFi (BT) 802.11 ac/a/b/g/n.
KEYBOARD / MOUSE / TOUCHSCREEN	Intrinsically Safe PS/2 Interface for mouse & keyboard PCAP 4 touch or PCAP A touch options
USB	2 x USB ports optional
SERIAL COMMUNICATIONS	One RS232 and one RS422/RS485 optional
INGRESS PROTECTION	IP66 / Designed to meet NEMA 4X
OPERATING TEMPERATURE	-40°C to +60°C
STORAGE TEMP	-40°C to +70°C (-40°F to +158°F)
WEIGHT	13kg / 28.6lbs
MAX DIMENSIONS	W 476mm (18.74") x H 427mm (16.81") x D 95mm (3.74")
MOUNTING OPTIONS	VESA, Yoke, Panel
SHOCK & VIBRATION	Shock: In accordance with BS EN60068-2-27:2009 Vibration: In accordance with BS. EN60068-2-6:2008

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Scan me to find out more

hmielements.com

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

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HMi ELEMENTS™ REFINED STRENGTH