

STRONGARM®

Industrial Panel PC



Durable, ruggedized, and versatile industrial panel PC and display for installations in ATEX/IECEX Zone 2 and Class I Div 2/Zone 2



Industrial Panel PC Basic Specifications

Computer

CPU	Latest generation Intel® quad-core processor
Operating System	Microsoft Windows®
Memory	Up to 32 GB DDR4-2133 SODIMM non-ECC memory
Hard Drive	Solid state, field replaceable
Additional Removable Storage	Compact Flash
Additional Connections	Audio in/out (stereo)
Connection Type	Screw connection terminal blocks
MTBF	80 Khrs @ 65°C

Display

Native Resolution	24" LED: 1920 x 1080 FHD
Brightness	> 1000 NIT
Touchscreen	Hardened resistive (> Mohs 5 glass surface) anti-scratch GFG touch screen
Viewing Angle	170° (left to right) 160° (up and down)
Response Time	5 ms
Maximum Colors	16.7 million (8-bit)
Aspect Ratio	16:9

Inputs/Outputs

Connections (Panel PC)	(3) USB, (2) 1GB ethernet, (2) RS232/485 serial, VGA, speaker, HDMI
Connections (Display only)	(1) USB, (2) RS232 for optional touchscreen, VGA, HDMI

Power

Input Voltage	100-240 VAC - 50/60 Hz or 10-36 VDC auto-ranging
Power Consumption	115W max
DC Power In/Out	Reverse polarity protected
DC/AC Voltage Protection	Transient voltage suppression

Environmental

Shock	10 G, 11 ms pulse, 3 Axis
Vibration	2-13 Hz, displacement +/- 1.5mm, 3 axis 13-100 Hz acceleration +/- 10 m/sec ² (1g), 3 axis
Operating Temperature	-31° to 140°F (-35° to 60°C)
Storage Temperature	-40° to 185°F (-40° to 85°C)
NEMA Rating	NEMA 4/4X, IP65
Hazardous Area	ATEX/IECEx: II 3 G Ex nA IIC T3 Gc, Ex nA IIC T3 Gc, 35°C ≤ Ta ≤ +60°C Gc North American (UL): Class I, Division 2, Groups A, B, C, D Class I, Zone 2, Group IIC, T3
Green Product	RoHS (2002/95-EC, 2011/65/EU), WEEE (2002/96-EC)

Physical

Weight	37 lb (16.78 kg)
Dimensions	25.25" x 16.00" x 4.47" (641mm x 406mm x 114mm)
Mounting	VESA 100, panel mount (optional), rig mount (optional), custom mounting

Warranty

3 Year (1 year on LCD panel)

Serviceability

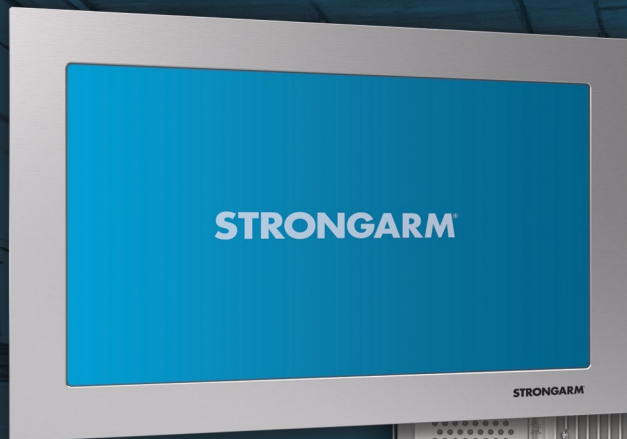
Site serviceable parts (request manual for detailed list)

STRONGARM®

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Strongarm's rugged 24" widescreen Industrial Panel PC is engineered to thrive in the harshest industrial environments.

Built for durability and performance, this powerful HMI solution features a scratch-resistant IP65-rated touchscreen and a robust enclosure, offering protection against dust, water, and impact.

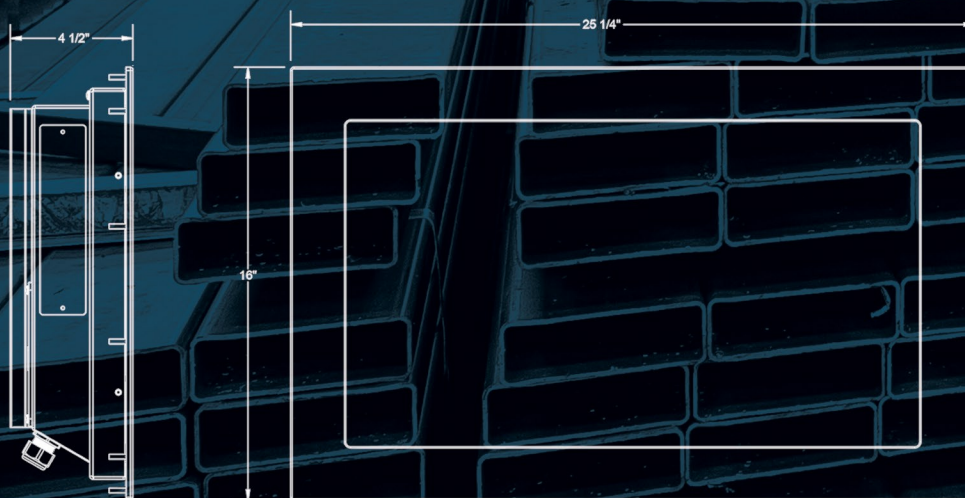


- Rugged versatility for any application
- Hardened scratch-resistant touchscreen
- -31° to 140°F (-35° to 60°C) operating range
- 100mm VESA mount, panel mount, or rig mount

Our Industrial Panel PC is part of Strongarm's Vulcan™ Series of rugged and durable panel PCs.



With an extended operating temperature range, our Industrial Panel PC operates in extreme heat or cold, making it ideal for heavy-duty manufacturing, food and beverage processing, pharmaceuticals, energy, and other mission-critical industrial applications.



Strongarm's versatile panel-mount design allows easy integration with enclosures and a variety of operator interfaces.



Strongarm's Industrial Panel PC mounted in our MiniStation™ with our Vertica™ counterbalanced and adjustable mounting arm



Strongarm's Industrial Panel PC mounted in our Pedestal Station

Our Industrial Panel PC offers the reliability, configurability, and rugged construction that modern industrial automation demands.