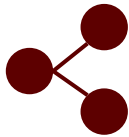# Rig Floor Computer (21.5" Widescreen)
ATEX/IECEx Zone 2

Innovative solutions for **hazardous locations** to drive **efficiency**.

SIMPLIFY

- ✓ Modern form factor for intuitive use.
- ✓ Integrate customer DAQ/decoder & software into a fully certified system.
- ✓ Reduce cabling with wireless interface to Safe-Area.
- ✓ Barriers are built-in.

CONNECT

- ✓ Direct interface to dual pressure inputs.
- ✓ Standard connections for USB & LAN.
- ✓ Dual antenna ports for multi-band radio configuration.

PERFORM

- ✓ Display & record all relevant drilling parameters with customer software.
- ✓ Reduce rig-up time.
- ✓ Operate from –40℃ to +60℃

The Laversab Advantage

OUTSTANDING SERVICE...
- ✓ Easily customizable solutions
- ✓ Simple setup and operation
- ✓ 24/7/365 Support

...FOR A LIFETIME.
- ✓ 3-Year warranty (+2 years opt.)
- ✓ Rig-up & operation training
- ✓ High-performance CPU options

Modernized design of Laversab's highly reliable Zone-2 computers

Applications

- **Full function high performance Zone-2 Computer** for high reliability under extreme conditions
- **Customer-specific DAQ card or Decoder board can be integrated and Zone-2 certified**

Common Uses

- Rig-Floor Computer
- Electronic Drilling Recorder
- MWD Surface System
- Vehicle-mounted Computer
- Driller's Display
- Remote Monitoring System

Technical Specifications

Product Type	PC Workstation	**Power**	90-260 VAC, 50/60 Hz, 150 VA
Certifications	ATEX / IECEx Zone-2	**Operating Temp**	–40ºC to +60ºC
Display	21.5" Widescreen XGA, with low-reflection capacitive touchscreen. Screen resolution: 1920 x 1080	**Storage Temp**	–40ºC to +75ºC
Brightness	1000 nits; Sunlight readable with adjustable brightness	**Humidity**	5 to 100%
Processor	Intel® Core™ Ultra 7 165H, 16Core, 24M Cache, 1.4GHz (5.0GHz) or Intel® Core™ Ultra 7 155U, 12Core, 12M Cache, 1.7GHz (4.8GHz)	**Sealing**	IP66 on all six sides
		Weight	25 lbs
Operating System	Windows 10/11 Pro (or other)	**Dimensions**	21"(w), 12.75"(h), 3.77"(d)
Data storage	512 GB to 2TB		
Memory	16 to 96GB DDR5 RAM		
Application software	Pre-loaded or installed via USB or network	**Mounting**	Hanger & Panel mount; VESA-100; Desktop stand
Wireless LAN	Wi-Fi radio (standard); 2.4GHz or 900MHz spread-spectrum	**Operating shock**	50 G, 11 ms half-sine
External I/O	2x USB3.1, 2x USB2.0 [Ex ic], 2x RS232 [Ex ic], 2x RS422/485 [Ex ic], 1x Gbit POE LAN (802.3af)	**Operating vibration**	3.0 G RMS, 5 to 500 Hz