

Rig Floor Computer (15" & 19") 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°C to +60°C



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, 47-63 Hz, 150 VA
Certifications	ATEX / IECEx Zone-2	Operating Temp	-40°C to +60°C
Display & Touch	15" & 19" XGA, with low-reflection capacitive touchscreen. Screen Resolution: 15" 1024 x 768 19" 1280 x 1024	Storage Temp	-40°C to +75°C
		Humidity	5 to 100%
Brightness	1000 nits; Sunlight readable with adjustable brightness	Sealing	IP66 on all six sides
Processor	Intel® Core i5 @ 1.6 / 4.1* GHz Quad-core or Intel® Core i7 @ 1.7 / 4.4* GHz Quad-core (* achievable in Turbo mode)	Weight	2854: 16 lbs. 2864: 24 lbs.
Operating System	Windows 10 Pro	Dimensions	2854: 14"(w), 11"(h), 3.3"(d) 2864: 16.75"(w), 13.75"(h), 3.89"(d)
Data storage	128 GB to 1 TB SSD		
Memory	8 GB to 32 GB DDRAM RAM	Mounting	Hanger or 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