

Hyperbaric Touchscreen PC

Multifunction interface for staff
Entertainment tool for patients



1. Product description

- The **Hyperbaric Touch PC** is a rugged, high-performance computer designed for use by medical staff in **hyperbaric chambers**. It offers sufficient computing power to handle medical applications and complex data in real time.
- It is provided with its certificate of conformity for use in a hyperbaric environment.

2. Technical features

- **Processor:** Intel Core i5 or higher
- **Touchscreen:** 11.6" Full HD LCD with built-in webcam
- **Memory:** 8 GB RAM
- **Storage:** 256GB SSD for fast data access
- **Operating System:** Microsoft Windows 11 Pro x64
- **Connectivity:**
 - Wi-Fi 6E – depending on local available network
 - Bluetooth
 - USB – connection to accessories is possible only outside the hyperbaric chamber
- **Power supply:** 19 VDC (wired connection without batteries) via Ø 5.2 mm cable – Length: 6,10 m – 2 x 0,75 mm² tinned wires
- **Peripherals:** Hard pen for precise navigation, wired headphones included

3. Compliance and security

- **Standards:** Complies with 2014/35/EC (low voltage) and 2014/30/EU (electromagnetic compatibility)
- **Validation** for use in hyperbaric environment up to 5,5 bar.

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4. Benefits

- **Dual use:** A work tool for medical staff or an entertainment tool for patients
- **Ruggedness and reliability:** Tested and validated for hyperbaric conditions, delivering high-level performance.
- **Touch screen:** Easy operation for staff in a demanding environment.
- **Extensive connectivity:** Connection to the local network via WIFI and to devices via Bluetooth, USB port for use outside the chamber
- **Hygiene:** Designed to meet constraints of medical environment while being easy to clean.
- **Safety:** Secure power supply and headphones to avoid any untimely disconnections during oxygen therapy sessions.