

**Simplifying processes.
Enhancing connectivity.
Delivering reliability.**

VisuNet Industrial Box Thin Client



Your automation, our passion.

 **PEPPERL+FUCHS**

Industrial Box Thin Client—Engineered For Reliability

Pepperl+Fuchs' industrial box thin client is designed to deliver a reliable and rugged virtualization solution for today's modern industrial environments. Engineered to withstand continuous exposure to high temperatures, shock, and vibration, Pepperl+Fuchs' industrial box thin client can handle the most demanding process applications.



Designed to meet the rigorous demands of industrial environments.

VisuNet Industrial Box Thin Client

Pepperl+Fuchs' industrial box thin client provides the latest thin client technology inside a compact, ruggedized aluminum housing that can withstand harsh industrial environments.

Mechanical Specifications

- IP41 rating
- 100 VAC ... 240 VAC / 12 VDC or 18 VDC ... 30 VDC
- Fanless design for energy efficiency
- 7.7 lbs (3.5 kg)
- -20 °C to +60 °C operating temperature

Technical Features

- Intel® quad-core Celeron® processor
- Windows® Embedded Standard 7
- Visunet RM Shell 4.0 pre-installed
- Dual NIC cards
- Optional PCI-E graphics extension to support up to 4 monitors
- 2 front USB 2.0, 2 back USB 2.0, and 2 back USB 3.0
- Supports 4K resolution displays



The RM Shell provides transparency and consistency across all HMI solutions.

Unified Operation—Stand-Alone Thin Client With The VisuNet RM Shell 4.0 Installed

The RM Shell provides the highest security standards by facilitating Microsoft® Enhanced Write Filter (EWF) mechanisms, a built-in firewall, restricted web-browser, and USB lockdown.

Pepperl+Fuchs RM Shell Installed

The RM Shell, which comes preloaded on the new industrial thin client, provides a straightforward, modern user interface that offers touch-optimized support for easy system setup.

With the RM Shell, the latest remote protocols are installed to allow easy connection to conventional workstations or modern virtualized workstations hosted on a server. It also offers the highest security standards, preventing data, malware, or viruses from infiltrating the system.

RM Shell Benefits

- Locked-down/restricted web browser for secure connection for web-based applications
- The RM Shell makes setup fast and easy, with Windows 8 look and feel; and provides auto connect after start-up, connection loss detection, and backup host connection
- The RM Shell provides three layers of user privileges: operator, engineer, or administrator. The administrator and engineer levels have password protection

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Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- AS-Interface
- Identification Systems
- Logic Control Units

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