Increased Performance.

Cutting-Edge Thin Client Solution
from the Control Room
Down to Hazardous Areas.

Industrial Box Thin Clients
BTC22 and BTC24

Your automation, our passion.

PEPPERL+FUCHS

BTC22 and BTC24

Complete Thin Client Solution from the Control Room Down to Hazardous Areas

Engineered for Reliability

Pepperl+Fuchs' industrial box thin clients are designed to deliver a reliable and rugged virtualization solution for the harsh conditions in industrial environments. Engineered to withstand continuous exposure to high temperatures, shock, and vibration, the BTC22 and the BTC24 can handle the most demanding process applications.

- Durable, enclosed IP4x aluminium housing
- Temperature ranges between –20 °C ... +60 °C
- A range of installation possibilities and a wide variety of mounting options
- Long-term availability
- Pre-installed VisuNet RM Shell firmware

For more information, visit:
pepperl-fuchs.com/pf-btc

Future-Proof Technology

The compact BTC24 is equipped with four DisplayPort™ interfaces for Quad monitor installations. With its dustproof, extremely robust design and an operating temperature range from 0 °C to +55 °C (optional –20 °C to +60 °C), the BTC24 is usable for 24/7 operation. Moreover, the industrial box thin clients are equipped with modern interface technology:

- Dual Gigabit Ethernet for network redundancy
- Serial interface port to support legacy peripherals
- USB-C Port for modern peripheral devices
- Third Ethernet port for access to ERP or other systems without replugging
- Wide range 12 ... 28 V DC power input for office and industrial applications

BTC22: up to 2× 4K
BTC24: up to 4× 4K

Standard temperature range: –20 °C ... +60 °C

Desktop-, Wall-, Din-Rail-, VESA-Mounting
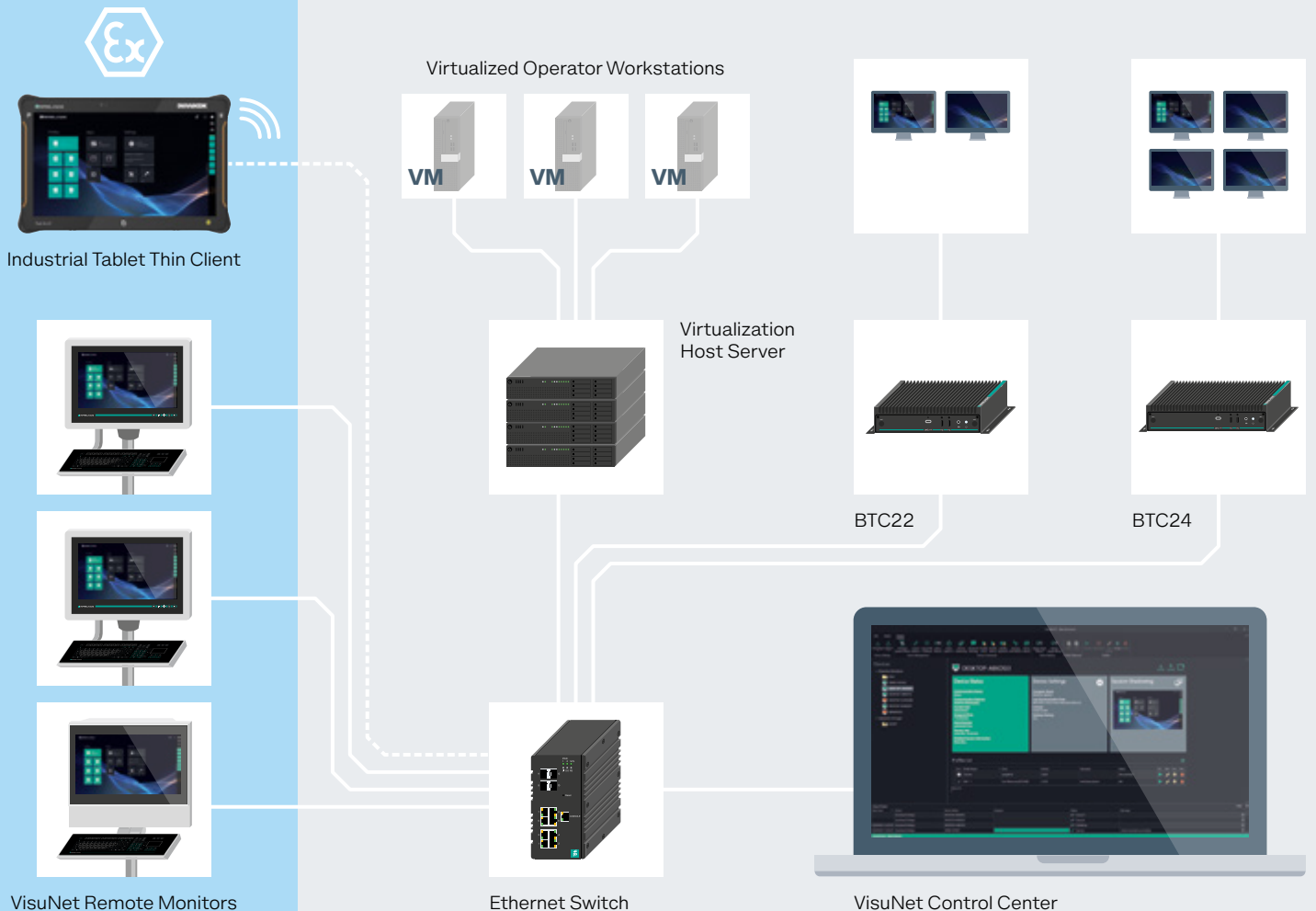
Comparison	BTC22	BTC24
Interfaces	2 × DisplayPort 1 × USB-C 3.2 with DisplayPort alternate mode	4 × DisplayPort; up to 4 × 4K
Processor	Intel Atom x6413E	AMD Ryzen R2314
RAM	8 GB DDR4	
Operating Temperature	0 … +55 °C (optional –20 … +60 °C)	
Housing	Aluminum chassis	
IP Rating	IP4x	
Mounting Option	Desktop-, Wall-, Din-Rail-, VESA-Mounting	
Mechanical Security	All ports strain relieved and "lockable"	
Cooling Method	Passive cooling, heat dissipating housing	
Certifications	CE and FCC for Europe and US market access	
Firmware	VisuNet RM Shell	

Easy Configuration with RM Shell

To simplify configuration and setup of box thin clients, VisuNet RM Shell firmware is pre-installed and pre-configured for various control systems.

- Configuration and setup within minutes
- Based on Microsoft® Windows 10 IoT Enterprise LTSC 2021
- Built-in security mechanisms for risk reduction
- VisuNet Control Center for efficient, centralized management
- Available for every Thin Client device from Pepperl+Fuchs

Industrial Tablet Thin Client

Virtualized Operator Workstations

VM VM VM

Virtualization Host Server

BTC22   BTC24

VisuNet Remote Monitors   Ethernet Switch   VisuNet Control Center

Your automation, our passion.

- Industrial Sensors

- Industrial Communication and Interfaces

- Enterprise Mobility

- Hazardous Area Products and Solutions

Pepperl+Fuchs Quality
Download our latest policy here:

www.pepperl-fuchs.com/quality

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