

Industrial Box Thin Client

BTC22-*

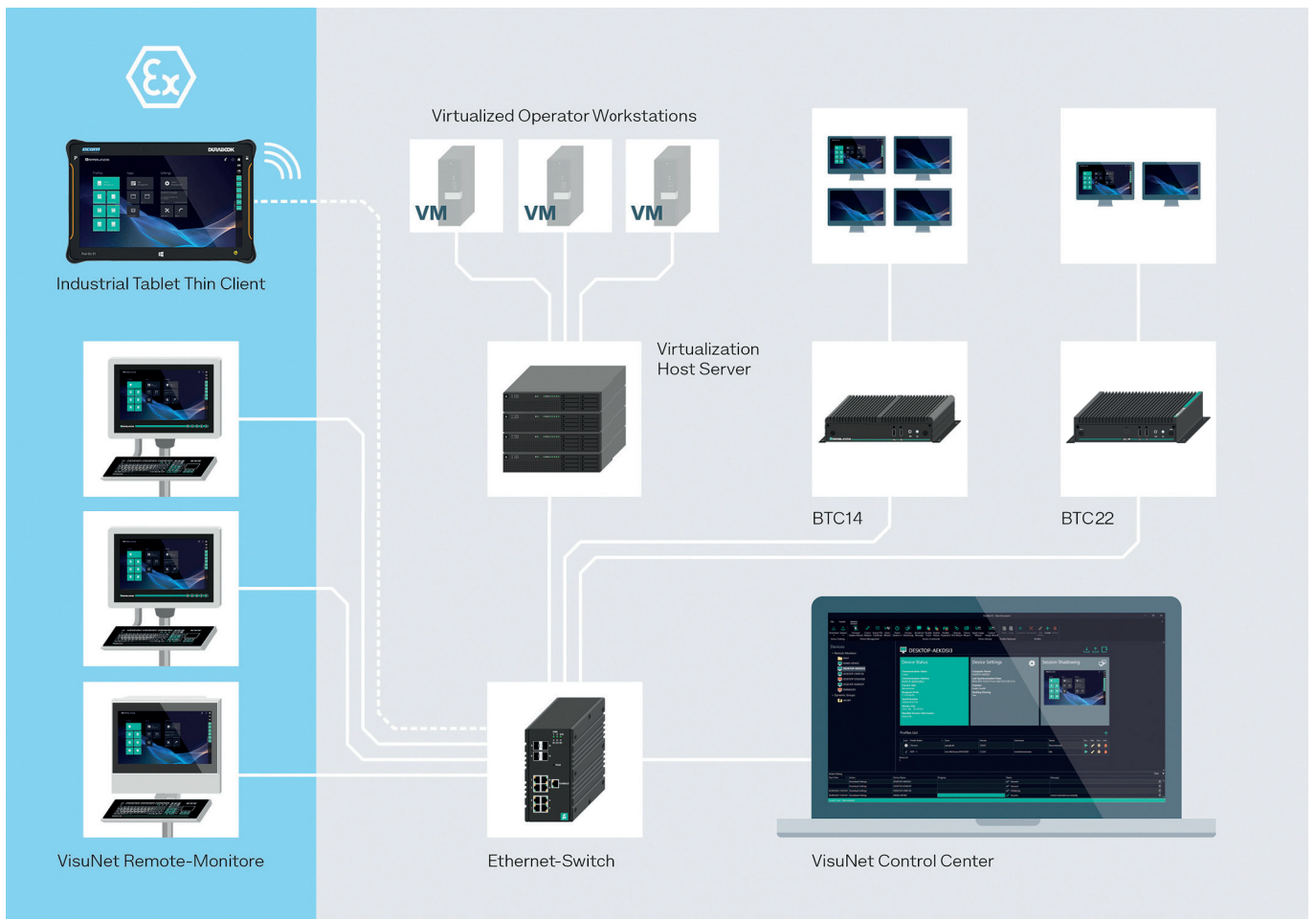


- Industrial-grade box thin client for 24/7 operation
- Long-term support with product availability for more than 5 years
- Supports up to two modern Ultra HD (4K) monitors with 60 Hz
- Compact footprint

Industrial Box Thin Client



Function Principle



Release date: 2024-04-17 Date of issue: 2024-04-17 Filename: t212985_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

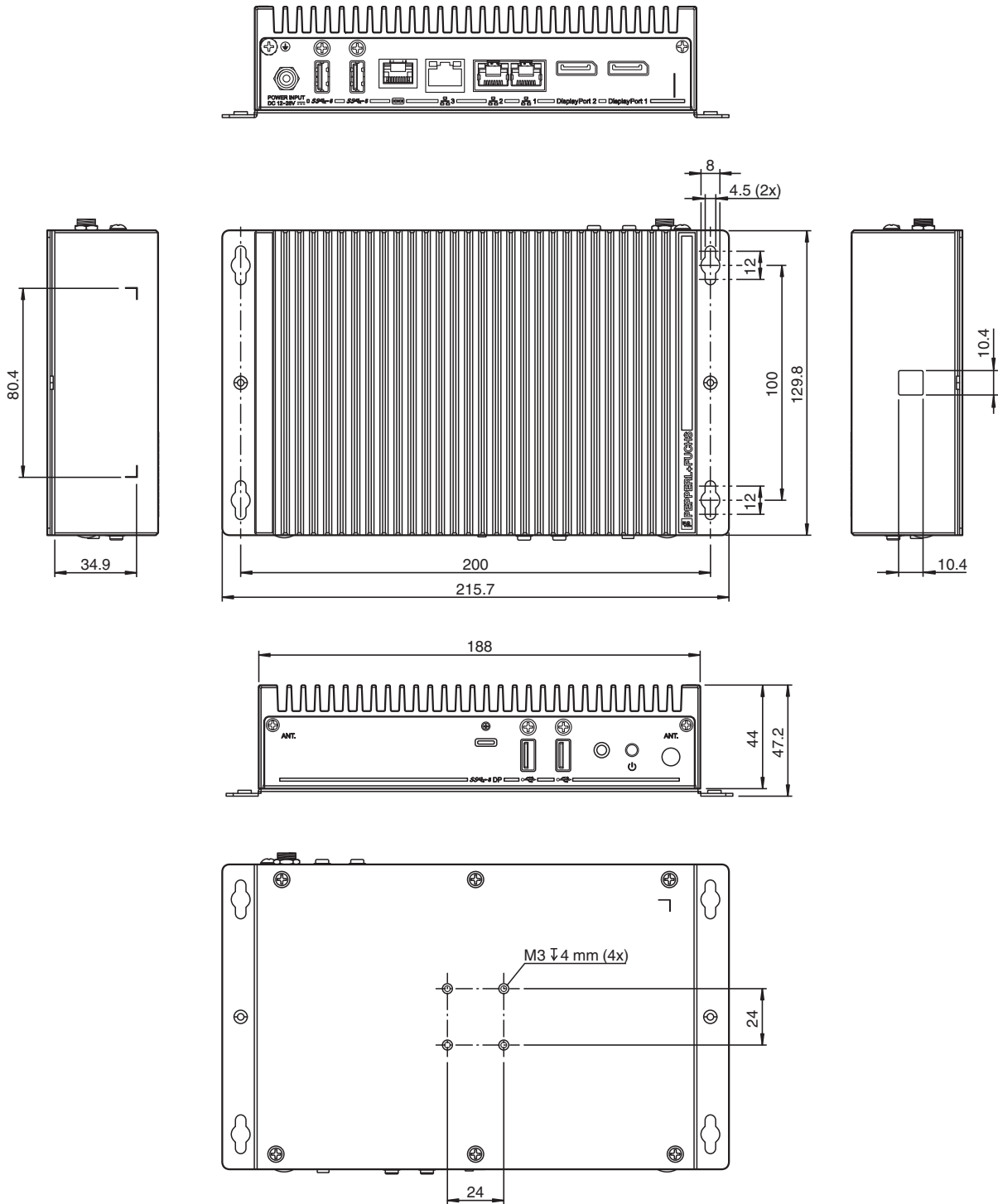
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Dimensions



Technical Data

Hardware	
Processor	Intel Atom x6413E
RAM	8 GB DDR4
Mass storage	64 GByte eMMC TLC
Supply	
Power supply	Input voltage: 12 ... 28 V DC Input current: 2 A - 1 A Input via 2.5 mm power socket
Interface	

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Technical Data

Interface type	Front Side: 1x USB 3.2 Gen 1 w/ DP alt mode, Type C 2x USB 2.0 Type A, power button, audio line out Back side: 3x 1000Base-T Ethernet, 2x DisplayPort 1.4, 1x DC (DC jack 5.5 x 2.5 mm with lock mechanism), 2x USB 3.2 Gen 1 Type A, 1x RS-232/RS-485 with RJ45 connector	
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 61326-1:2013 EN 55032:2015, AC:2016 EN 55035:2017
RoHS		
Directive 2011/65/EU (RoHS)		EN 50581:2012-09
Software		
Operating system		RM Shell 6.x based on Windows 10 IoT Enterprise LTSC 2021
Ambient conditions		
Operating temperature		0 ... 55 °C (32 ... 131 °F)
Storage temperature		-20 ... 60 °C (-4 ... 140 °F)
Relative humidity		≤ 95 % at 60 °C (non-condensing acc. to EN 60068-2-78)
Shock resistance		40 g (11 ms) when operating 80 g (11 ms) when not operating
Vibration resistance		3 g _{rms} 5 ... 500 Hz
Mechanical specifications		
Degree of protection		IP40
Mass		1.32 kg
Dimensions		216 mm x 130 mm x 47 mm
Mounting		Desktop or wall mounting, VESA mount (100 x 100 mm and 75 x 75 mm) and DIN-rail mounting via optional adapter
Note		passive cooling , no moving parts Power supply not included.
International approvals		
UL approval		"UL Listed" for Canada and USA, E223772 (Ordinary Location)
Approved for		CE (EN61326-1/ EN55032/ EN55035 Class A) FCC Class B and ICES-003 Issue 7

Type Code

BTC22-*

BTC22-	(1)	(2)-	(3)	(4)	(5)	(6)-	(7)
Model							
BTC22-	Box Thin Client						
(1) Certification							
N	CE & FCC + UL Ordinary Location						
(2)- Operating Temperature							
A-	Standard Operating Temperature Range 0 ... 55 °C						
B-	Extended Operating Temperature Range -20 ... 60 °C						
(3) CPU							
1	Intel® Atom x6413E						
(4) RAM							
B	8 GB for Standard Temperature Range						
L	8 GB for Extended Temperature Range						

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Type Code

(5)	Storage
N	None
A	64-GB eMMC

(6)-	Operating System
N-	None
1-	VisuNet RM Shell 6

(7)	Expansions
NN0	None

Example:

BTC22-	N	A-	1	B	A	1-	NN0
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Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.