

Features

- Internal power supply for AC or 24 V DC input
- VisuNet RM Shell 4.0 Installed
- Seamless deployments - Easy to manage
- Supports up to 4 monitors
- Energy-efficient fanless design
- Dual NIC Cards
- Enhanced Performance and Security
- Option for ACP ThinManager "Ready"

Application

A rugged, industrial box thin client specially designed to withstand high temperatures, shocks, and vibrations.

It has an Intel Baytrail series quad-core Celeron processor and optional PCI-E graphics card expansion. This unit has a small-footprint and implements a fanless design for high reliability.

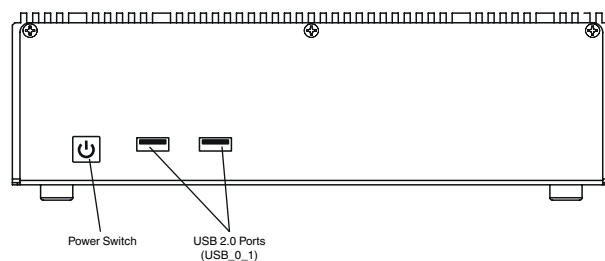
The aluminum housing is IP41, and is capable of driving up to four monitors with the video expansion option.

Mounting options for control room or cabinet installation.

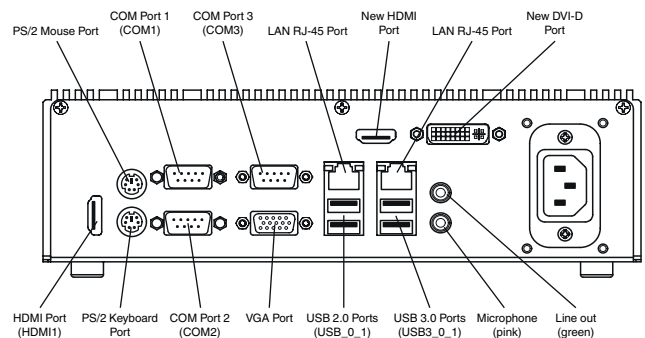


Connection

Front View



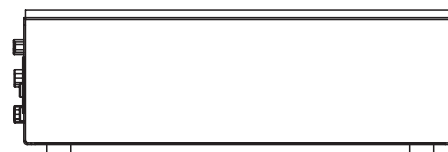
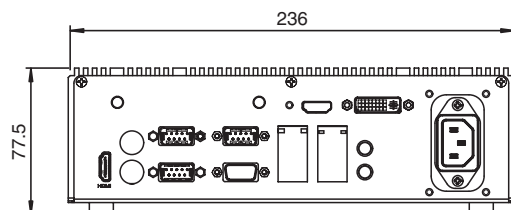
Back View



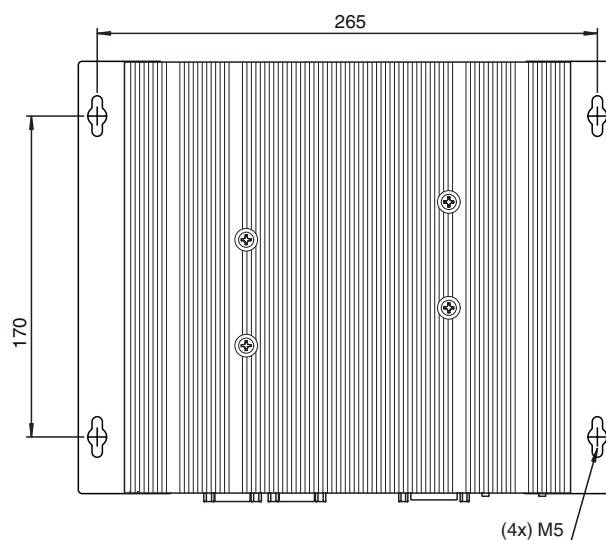
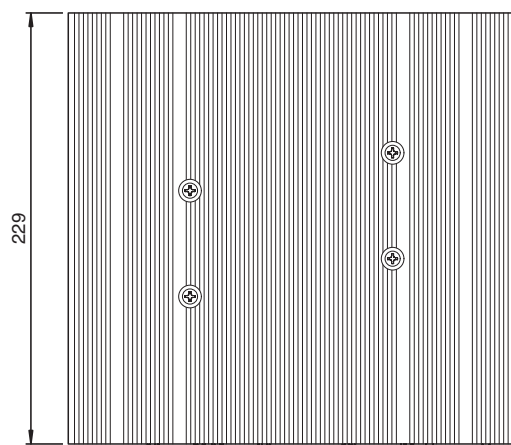
Hardware	
Processor	Celeron J1900 Graphics controller: Intel® Gen7 Graphics DX 11*, OGL3.2 GPU (expansion): NVIDIA GeForce GT 720 (2 GB memory)
RAM	4 GB DDR3L
Mass storage	32 GB mSATA
Supply	
Power supply	100 ... 240 V AC, 50 ... 60 Hz, 40 W max. 12 V DC or 18 ... 30 V DC (SELV or PELV)
Power ON	AT/ATX Supported AT: Directly PWR on as operating voltage ready ATX: Press Button to PWR on after operating voltage ready
Interface	
Interface type	USB: Front: 2 x USB 2.0, rear: 2 x USB 2.0, 2 x USB 3.0 LAN: 2 x RJ45 (Gigabit Ethernet) Serial: 3 x RS232 Video (standard): 1 x HDMI (up to WUXGA, 1920 x 1200), 1 x VGA (up to WUXGA, 1920 x 1200) Video (option): 1 x HDMI (up to 3840 x 2160 @ 30Hz); 1 x DVI-D (up to WQXGA, 2560 x 1600) Audio: 1 x mic in, 1 x line out
Directive conformity	
Electromagnetic compatibility	
Directive 2004/108/EC	EN 61326-1
Low voltage	
Directive 2006/95/EC	EN 60950-1
Software	
Operating system	Windows Embedded Standard 7 (VisuNet RM Shell 4.0)
Ambient conditions	
Operating temperature	-20 ... 60 °C (-4 ... 140 °F)
Storage temperature	-20 ... 70 °C (-4 ... 158 °F)
Relative humidity	0 ... 95% non-condensing
Shock resistance	operating: 20 g , 11 ms all axis, IEC 60068-2-27
Vibration resistance	operating: 2 g rms , 5 ... 500 Hz , IEC 60068-2-6
Mechanical specifications	
Degree of protection	IP41 (with I/O covers or cables plugged in)
Mass	3.5 kg
Dimensions	229 mm x 236 mm x 77.5 mm
Mounting	Desktop or wall mounting

Dimensions

Desktop Mount



Wall Mount



Accessories

Mounting Kits

Model	Description
BTC-Wallmount-Kit-1	Boxed Thin Client wall mount kit

Video Adaptors

Model	Description
ADP-V-DVIM-VGAF	Video Adaptor; DVI-D Male to VGA Female
ADP-V-HDMIM-VGAF	Video Adaptor; HDMI Male to VGA Female
ADP-V-HDMIM-DVIF	Video Adaptor; HDMI male to DVI-D Female
ADP-V-DVIM-HDMIF	Video Adaptor; DVI-D Male to HDMI Female

All BTC01*units come with US/JP type power cable. Other types must be purchased seperately.

Power cable for AC powered unit

Model	Description
S-BN-12/1500-US/JP2	AC power cord; IEC320-C13 to US/Japan
S-BN-12/1500-EU2	AC power cord; IEC320-C13 to European
S-BN-12/1500-UK2	AC power cord; IEC320-C13 to United Kingdom
S-BN-12/1500-AU2	AC power cord; IEC320-C13 to Australian

Power cable for 12 V DC external power supply

Model	Description
S-BN-24/1500-US/JP1	AC power cord; IEC320-C8 to US/Japan
S-BN-24/1500-EU1	AC power cord; IEC320-C8 to European
S-BN-24/1500-UK1	AC power cord; IEC320-C8 to United Kingdom
S-BN-24/1500-AU1	AC power cord; IEC320-C8 to Australian
PG12-BTC1	Replacement external 12 VDC power supply (mating power cord not included)

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

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BTC01	N	-	GP	-	D1	2	-	TS1	-	2V1	N1	-	N
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					N	None
					N1	2x Gigabit Ethernet
				2V1		1 x VGA, 1 x HDMI
				4V1		1 x VGA, 2 x HDMI, 1 x DVI
			TS1	Celeron J1900, 4 GB RAM, 32 GB mSATA, Windows Embedded Standard 7, VisuNet RM Shell 4.0		
			TTR	Celeron J1900, 4 GB RAM, ACP ThinManager Ready (Available only with dual video "2V1" option)		
			1	AT Mode		
			2	ATX Mode		
		A1	100 - 240 V AC			
		D1	12 V DC (external power supply included)			
		D2	18 - 30 V DC			
		GP	General purpose / Non-Ex			
	N	Standard enclosure (Aluminium IP42 enclosure)				
	P	Prepared for use in purged enclosure (Aluminum vented enclosure)				
BTC01	Box Thin Client					