

PRIcontrol-Series

PRIMELCO 
VISUAL DATA

The PRIcontrol-series are suitable for a use in the building technology and are fully equipped touch panel PCs. The hardware platform supports a wide range of operating system:

Windows 10 IoT enterprise / Android 5.1 / Linux Ubuntu 16.04

Windows 10 IoT

ubuntu 



You can get this all for a great cost-benefit ratio.



example:

10.1" , transparent



example:

15.6" ,transparent with speakers
and microphone



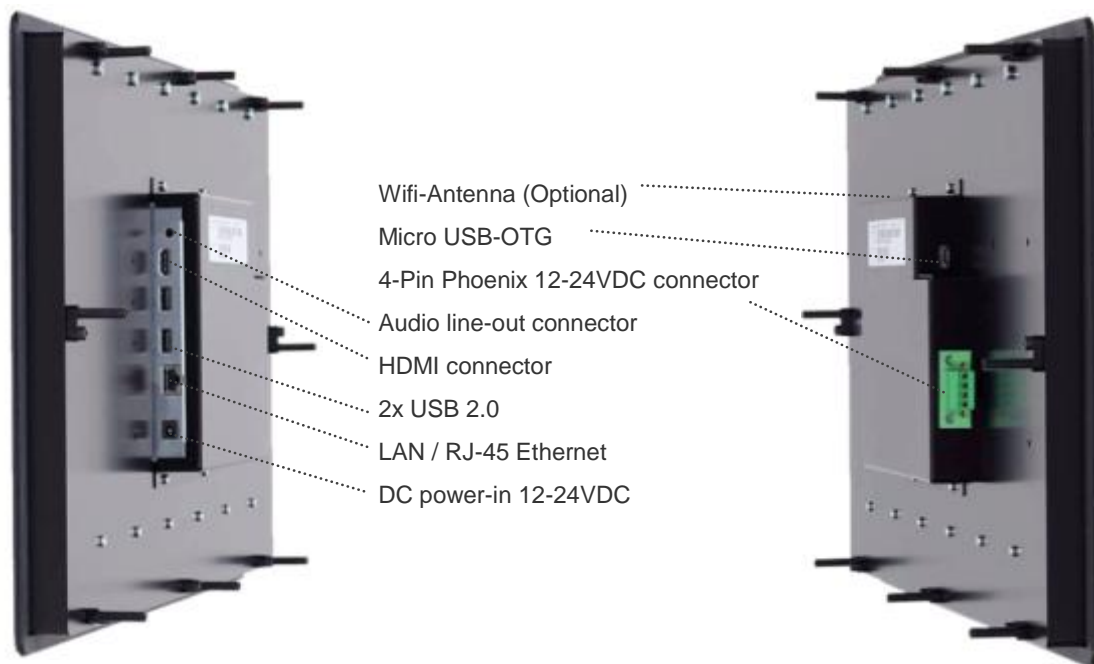
example:

21.5" ,black

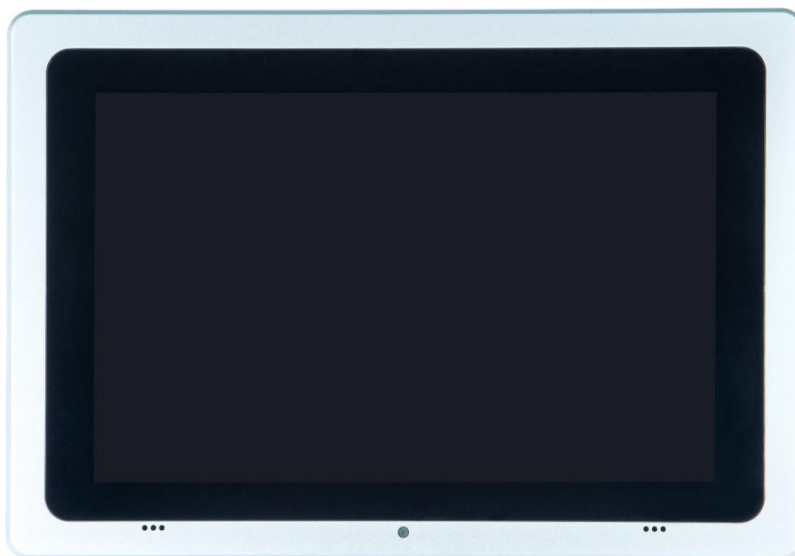
All PPC have full aluminum housing with various I/O ports for brilliant peripheral connectivity and ultra slim design, starting from 42mm thickness. There are three different mechanical versions:

- Panel-Mount
- Chassis-Housing
- Flush-mount Adapter-kit

Standard Interfaces



Optional



speakers and microphone

Specification

	PRicontrol-7	PRicontrol-10	PRicontrol-15	PRicontrol-21
Board Specification				
Processor	Intel Atom Z3735F			
System Memory	2GB DDR3L RAM			
Storage	8GB / 32GB eMMC, depending on operating system			
Standard I/O				
USB	USB 2.0		x2	
LAN	10/100 Ethernet		x1	
Display	HDMI		x1	
Audio	Head phone jack		x1	
Power				
Power-In	12 to 24V DC wide input			
Power Type	DC Jack			
	DC input 4pin header			
Power consumption max. load	11 W	12 W	13 W	29 W
LCD Characters - Panel				
Display Size	7"	10.1"	15.6"	21.5"
Resolution	1280 x 800		1920 x 1080	
Luminance	300	350	220	250
View Angle (H+/V+)	170° / 170°		178°/178°	
Touch	PCAP, 2 point multi touch			
Surface hardness	6H			
Software Support				
Windows 10 IoT Enterprise, 32 Bit	CBB, LTSB 2016 / 32GB eMMC			
Android 5.1, 64 Bit	8GB / 32GB eMMC			
Ubuntu 16.04, 64 Bit	32GB eMMC			
Housing (default)				
Outline dimensions (L x W x D)	-	280 x 194 x 42	417 x 265 x 42	535 x 334 x 52
IP54	✓			
Panel-Mount incl. mounting brackets	(✓)	✓	✓	✓
Chassis-Housing (for Desktop)	-	✓	-	-
Flush-Mount Adapter-kit	-	✓	✓	✓
Aluminium front bezel	✓ (black anodised or transparent)			
Environmental				
Operating Temp	0°C – 40°C			
Storage Temp	-10°C – 60°C			
Operating Humidity	0% - 90% Relative Humidity, Non-condensing			
Options				
Serial I/O				
USB-OTG cable	✓			
RS232 (TX/RX) / RS485 D-Sub9 header	✓			
Wireless Communication				
Integrated WIFI 802.11 b/g/n Module	✓			
Microphone and speakers				
Microphone and 2W speakers	✓			
Power - Adapter				
Integrated POE 802.3AT PSU	N/A	✓	N/A	N/A
External Power Supply Unit 230VAC/60W	✓			
Housing				
Mounting VESA 75	✓			
Custom colour design MOQ - 20	✓			
Company logo on front cover panel, MOQ	✓			

Panel Mount Version

The Panel-Mount Version of the PRIcontrol-Series includes pre-assembled mounting-brackets for an easy and tool-free installation of the device into an opening in a cabinet or enclosure from front side.

Focused application:

- Building Automation
- Machine control
- Kiosk / POI

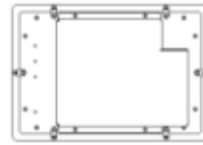
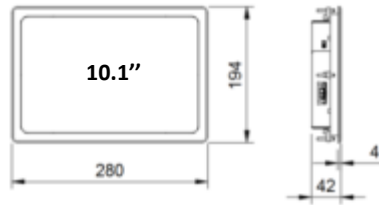


mounting-brackets

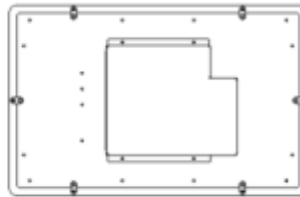
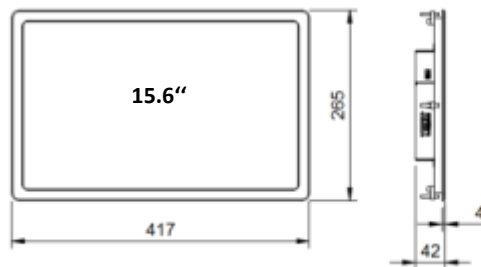


Mechanical drawings

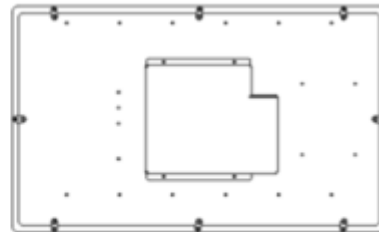
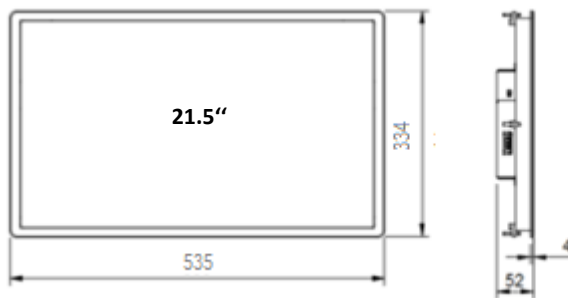




10.1" cut-out dimensions: 175mm x 261mm



15.6" cut-out dimensions: 246mm x 398mm



21.5" cut-out dimensions: 315mm x 516mm



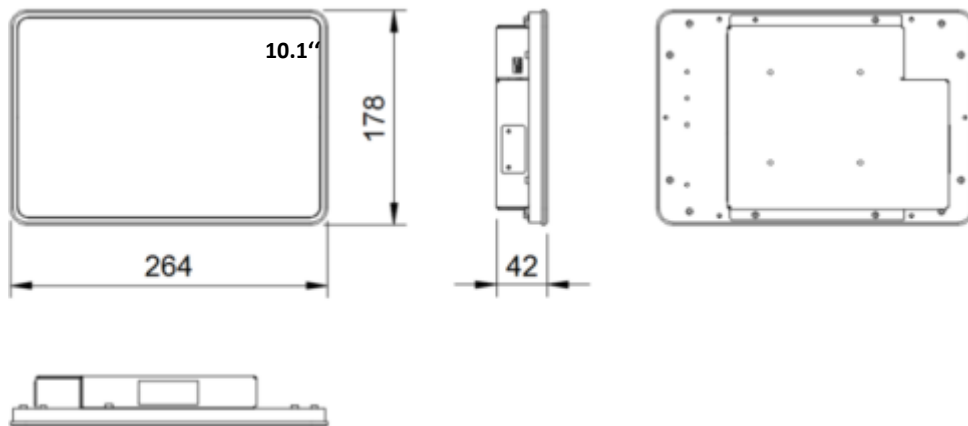
The Chassis Housing of the PRIcontrol-Series offers to mount the device on a table stand or mounting arm by standard VESA-75/100 Interface. The front-bezel is minimized in its size. The device is powered by external power supply and DC-Jack plug.

An optional Wifi-Module or PoE-Interface (10.1") allows a maximum of flexibility and connectivity.

Focused application:

- Slim Desktop-Client
- Wall-mount touch-terminal
- Digital Signage Player

Mechanical drawings



Flush-Mount Adapter-Kit

The Flush-Mount Adapter-Kit can be used for any PriControl Device and allows installing the PriControl Unit into the wall.

The PriControl is fixed by high-performance magnets and allows removing the installed device without any additional tools.

The Flush-Mount Adapter-Kit contains 2-4 Magnets (depending on the screen size) to adjust the Device into the wall-box and the wall-box to mount PriControl Device itself.

Focused application:

- Building and room automation
- Building guidance system



Demonstration of possible integration PriControl with the Flush-Mount Adapter-Kit



flush-mounted box outline dimensions

	L [mm]	W [mm]	D [mm]
PRIcontrol-10 (10,1")	267	181	70
PRIcontrol-15 (15,6")	403	251	70
PRIcontrol-21 (21,5")	521	320	70

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Konstruktions- und Modelländerungen sind vorbehalten. Baar 09.04.2019