

The PRImelco-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



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



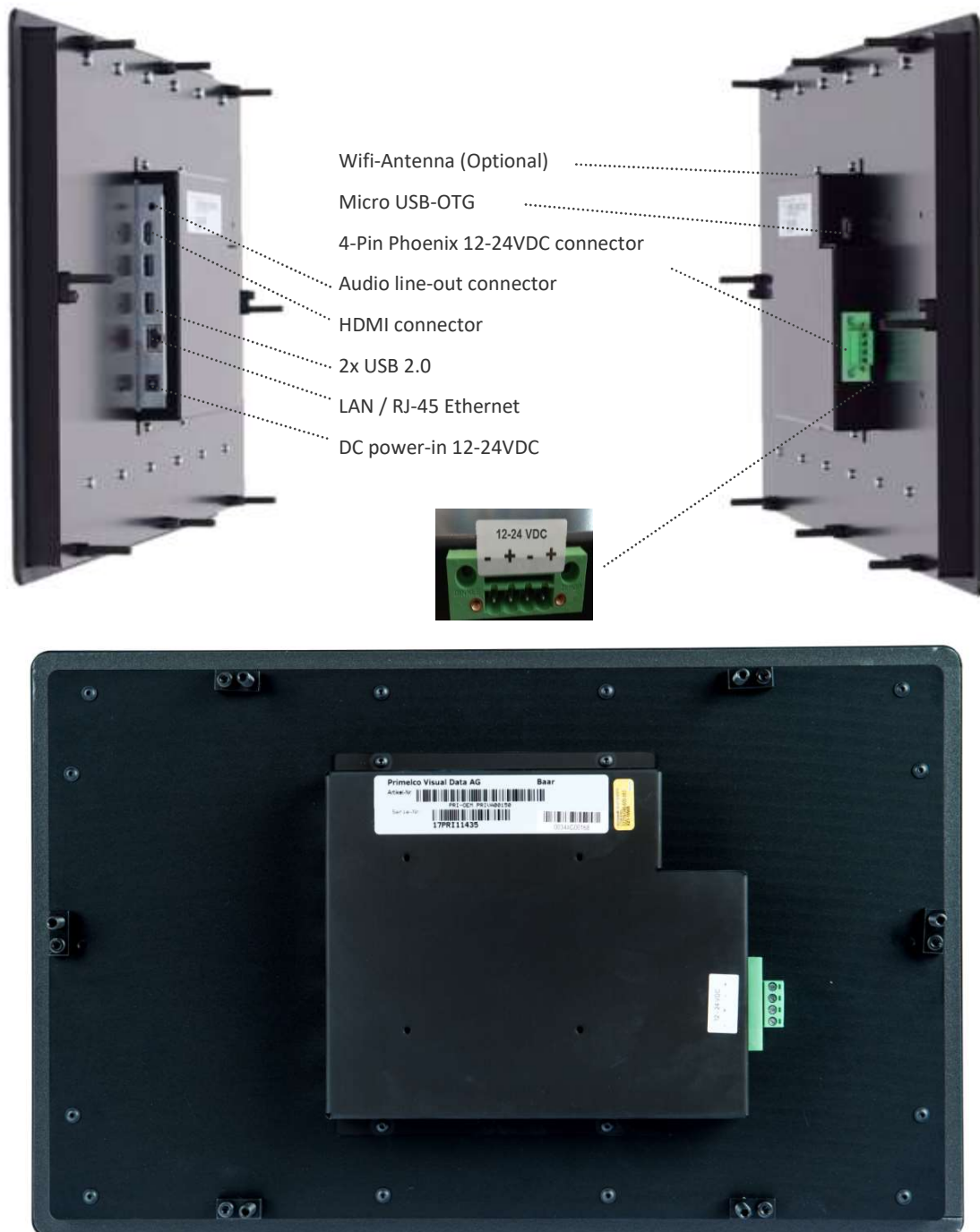
Different sizes with option microphone and speaker

- ✓ 7 " (Flush-Mount Version)
- ✓ 10.1"
- ✓ 15.6"
- ✓ 21.5"

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
- Flush-mount Adapter-kit
- Wall-mount

Standard Interfaces



Specification

		PRImcontrol-7	PRImcontrol-10	PRImcontrol-15	PRImcontrol-21
Board Specification					
Processor		Intel Atom Z3735F			
System Memory		2GB DDR3L RAM			
Storage		32GB eMMC			
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	Flush-Mount Version	Panel-Mount Version, Flush-Mount Version, Wall-mount Version		
	DC input 4pin header		Panel-Mount Version, Flush-Mount Version, Wall-mount Version		
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		LTSB 2016 / 32GB eMMC			
Android 5.1 , 64 Bit		32GB eMMC			
Ubuntu 16.04, , 64 Bit		32GB eMMC			
Housing (default)					
Outline dimensions (L x W x D)		200 x 144 x 17	280 x 194 x 42	417 x 265 x 42	535 x 334 x 52
Cut-out dimensions			175 x 261	246 x 398	315 x 516
IP54		✓			
Panel-Mount incl. mounting brackets			✓	✓	✓
Flush-Mount Adapter-kit		✓	✓	✓	✓
Aluminium front bezel		✓ (black)			
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



Flush-Mount Adapter-Kit for 10.1 / 15.6 / 21.5 inch

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



Flush-Mount Adapter-Kit for 7 "

flush-mounted box outline
dimensions

L [mm]

W [mm]

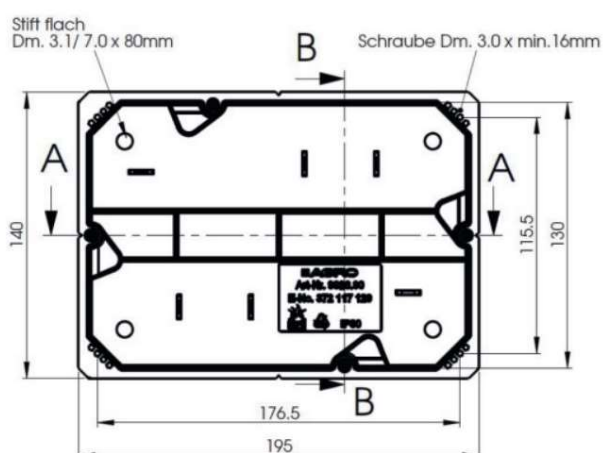
D [mm]

PRImcontrol-07 (7")

195

140

56



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