

# TERMINALS PUE 5.15, PUE 5.19



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Cutting edge terminals PUE 5.15 and PUE 5.19 series are continuation of a well established model line PUE 5. They offer far greater application possibilities comprised in two solutions:

- **PUE 5.15** (featuring a panoramic 15,6" touch screen display operating with resolution 1366 x 768 pixels);
- **PUE 5.19** (featuring a 19" touch screen display operating with resolution 1280 x 1024 pixels).

The terminals are intended for designing scales with maximum resolution of 6000 e. PUE 5.15 and PUE 5.19 series, similarly to their prior versions, are enclosed in a stainless steel housing which allows for reaching the highest IP rating, i.e. IP 67. The terminals are powered by mains 100 ÷ 240 V AC, 50÷60 Hz.

The terminals come standard with interfaces: 2 x RS232, 1 x RS485, 2 x Ethernet, 4 x USB 2.0.

PUE 5.15 and PUE 5.19 series can be extended by additional 3 weighing modules for simultaneous operation of maximum 4 weighing platforms. Optional PROFIBUS DP interface enables terminal cooperation with Profibus industrial network.

## Technical specification:

	PUE 5.15	PUE 5.19
Housing	stainless steel	
Display	LCD 15,6" (1366x768)	LCD 19" (1280x1024)
Touch screen	Infrared controlled panel (standard) or resistive touch panel (option)	
IP rating	IP 67 - version with infrared controlled panel / IP 68 - version with resistive touch panel	
Power supply	100 ÷ 240V AC 50 ÷ 60Hz	
Power consumption	50W	
Working / Storage temperature	work 0°C ÷ +40°C, storage -20°C ÷ +60°C	
Maximum quantity of divisions from converter	8 388 608	
OIML class	III	
Maximum quantity of verifying units	6 000	
Maximum signal increment	19,5 mV	
Maximum voltage per 1 verification unit	3,25 µV	
Minimum voltage per 1 verification unit	0,4 µV	
Minimum load cell impedance	80 Ω	
Maximum load cell impedance	1200 Ω	
Power voltage on load cell	5 V	
Load cells connection	4 or 6 conductors (shielded)	
Processor	Intel® Celeron® (2GHz, quad-core, 2MB cache)	
Chipset	Intel® HD Graphics Gen 7	
RAM memory	4GB DDR3L 1333MHz max 8GB	
Data memory	SSD 60GB mSATA	
<b>STANDARD FEATURES:</b>		
Ethernet	2 x 10/100/1000 Mbit (2 x RJ45 hermetic **)	
Serial interfaces	2 x RS 232, 1 x RS 485 (2 x M12 8P **)	
USB port	4 x USB 2.0 (2xUSB A ***, 2xM12 4P **, load-carrying capacity up to 500mA)	
OS	Microsoft Windows 7 Embedded	
<b>ACCESSORIES:</b>		
Additional weighing platform module	Additional 3 pieces (metrological parameters as in the main weighing platform)	
Inputs / Outputs	4 inputs / 4 outputs (2 x M12 8P sockets **) or (2 x cables fed through gland)	
Interface Profibus DP	operation mode: slave (***) (2 x M12 5P sockets coding B **)	
External buttons PRINT, TARE, START	terminal with 4 IN/4OUT (M12 8P sockets **) required	

\* - 4 GB RAM as an option, on customer's request

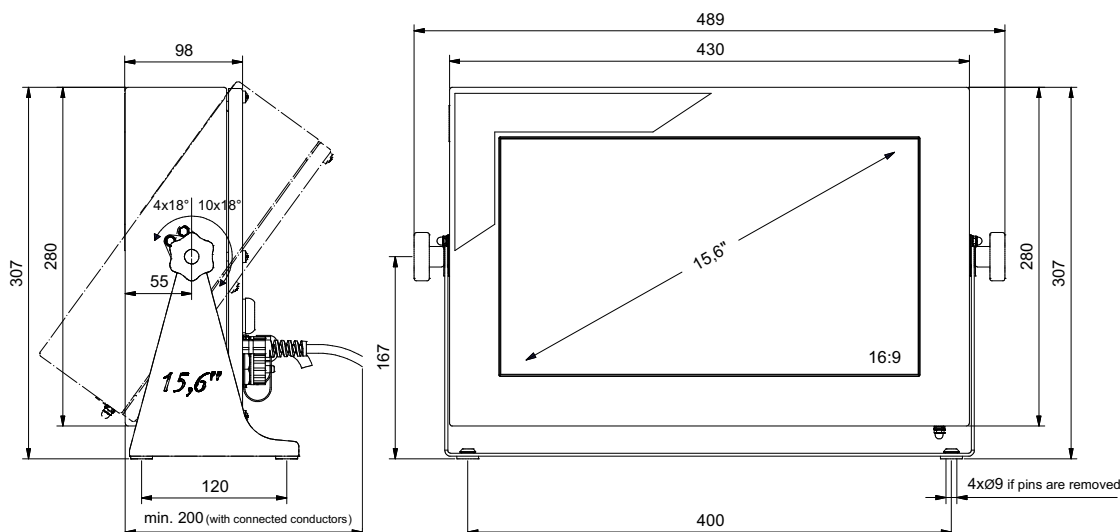
\*\* - Tightness provided with dust cover or cable mount installed

\*\*\* - Tightness provided with dust cover installed, tightness cannot be provided when accessories are connected (pendrive, keyboard, mouse, etc.)

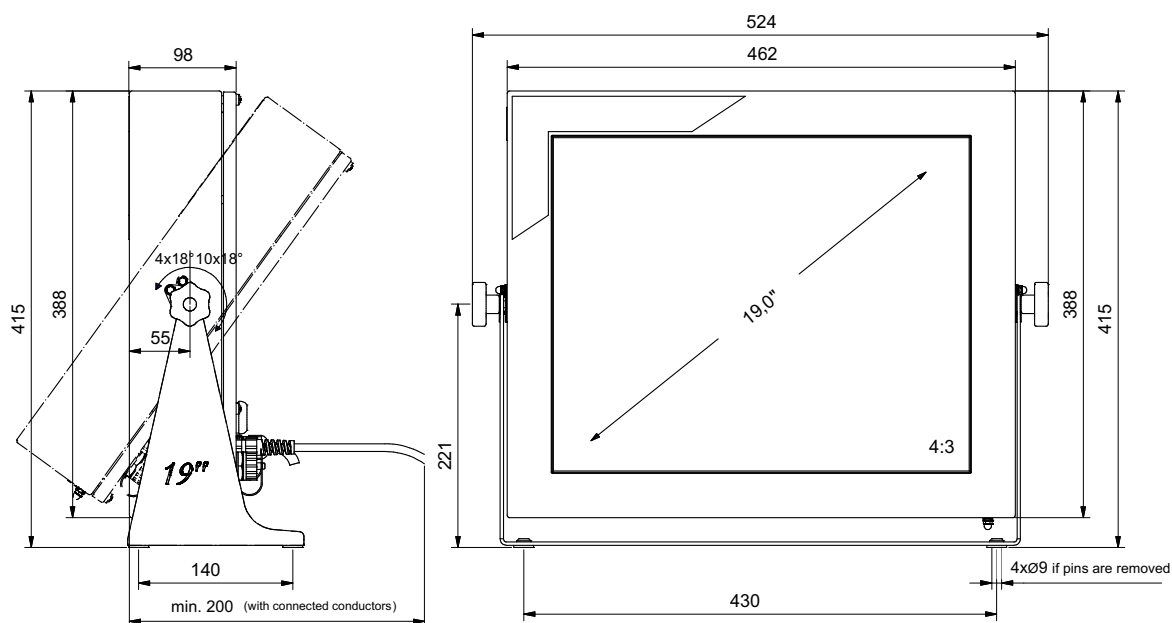
\*\*\*\* - Interface Profibus DP is installed interchangeably with the RS 485 interface (they do not occur simultaneously!)

## Dimensions:

### PUE 5.15



### PUE 5.19



## Additional equipment:

### Impact printers:

EPSON TM-U220D – basic version  
 EPSON TM-U220B – with paper cutter  
 EPSON TM-U220A – with paper cutter and copy winder

### Label printers:

CITIZEN CL-S521  
 CITIZEN CL-S621  
 CITIZEN CL-S631  
 CITIZEN CL-S700  
 CITIZEN CL-S700R  
 ZEBRA GK 420d  
 ZEBRA GK 420t  
 ZEBRA GX 420t  
 ZEBRA GX 430t  
 ZEBRA ZT 41042

### Barcode readers:

LS2208 – intended for standard operating conditions  
 PowerScan D8330 – intended for severe operating conditions IP56  
 PowerScan M8300 – intended for severe operating conditions IP56 radio version

### Transponder card readers:

CK-01/3  
 CK-02/3

### Cables:

Cable PT0212 – Ethernet  
 Cable PT0087 – for EPSON, CITIZEN printers and other on USB  
 Cable PT0019 – for EPSON, CITIZEN printers, via RS232  
 Cable PT0022 – for ZEBRA printers  
 Cable PT0020 – cable RS232  
 Cable PT0213 – for PRINT, TARE, START buttons (terminal with 4IN/4OUT required - M12 8P connectors)