

# Pisa110

Wall application totem 



- ✓ Ideal for access control to restricted areas
- ✓ Integrated RfID card reader
- ✓ Chassis designed for industrial environments
- ✓ Fanless cooling system
- ✓ No acoustic impact, 0dBA emissions
- ✓ Solid state storage
- ✓ High availability of I/O ports: RS232, Gb LAN, USB 2.0/3.0...
- ✓ Combined performance computing and low power requirement





## Computing unit features

<b>System</b>	<b>Processor</b>	Intel® Celeron® Processor J1900 4 Core, 4 Thread, 2M Cache, up to 2.42 GHz
	<b>Internal expansion slots</b>	1 x Mini PCIe (half/full size, signals: PCIe, mSATA*) 1 x mSATA (half size, signals: mSATA*) *shared
<b>Memory</b>	<b>Max expansion</b>	8GB
	<b>Type</b>	DDR3L 1333MHz DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3L DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC
	<b>Slot</b>	1
<b>Back I/O interfaces</b>		1 x USB 2.0/1.1
	<b>Button</b>	1 x Power switch
<b>Internal I/O interfaces</b>	<b>Power</b>	1 x AC-IN (IEC C14)
	<b>Serial</b>	1 x RS232
	<b>USB</b>	1 x USB 3.0/2.0/1.1 2 x USB 2.0/1.1 opzionali
	<b>LAN</b>	2 x RJ45
	<b>Video</b>	1 x HDMI 1 x VGA
	<b>Audio</b>	1 x Jack 3.5mm (Line-Out)
	<b>Power</b>	1 x DC-IN (Phoenix 2P 5.08)
	<b>Button</b>	1 x Power switch with power led 1 x Remote power switch connector
	<b>Ground</b>	1 x M4 Ground connector
	<b>Storage</b>	<b>Storage bay SSD</b> <b>Controller</b>
<b>Graphics subsystem</b>	<b>Integrated graphics adapter</b>	Intel® HD Graphics
	<b>Supported features</b>	DirectX 11, OpenGL 3.2
	<b>Resolution</b>	HDMI 1.4a : up to 1920x1200 VGA 1.4a : up to 1920x1200
	<b>Multi Display</b>	Up to 2 (internal + external)
<b>Management</b>	<b>Watchdog timer</b>	Software programmable from 1 to 255s
	<b>Wake On Events</b>	WOL (Wake On Lan) Wake by RTC (Wake by date/time)
<b>Network subsystem</b>	<b>Integrated LAN adapter</b>	2 x RTL8111G-CG Gigabit Ethernet controller
<b>Power supply</b>	<b>Input voltage</b>	115-230V AC
	<b>Power consumption</b>	Average 19W @ 75% stress (only processing unit)
<b>Software</b>	<b>Supported operating system</b>	Windows 7 / 7 Emb. 32bit & 64bit Windows 8.1 / 8.1 Emb. Pro 64bit Windows 10 / 10 IoT Ent. 64bit

## Display and touchscreen features

# 10.1"

<b>Display</b>	<b>Panel type</b>	a-Si TFT active matrix LCD	
	<b>Size</b>	10.1"	
	<b>Aspect Ratio</b>	16:10	
	<b>Pixel HxV</b>	1280 x 800	
	<b>Pixel Pitch</b>	0.1695x0.1695mm	
	<b>Color</b>	16.2M	
	<b>Contrast ratio</b>	800:1	
	<b>Brightness</b>	500 cd/m <sup>2</sup>	
	<b>Response time</b>	11ms	
	<b>Viewing angle</b>	Horizontal 170° - Vertical 170°	
	<b>Power consumption</b>	6W (only display & touch unit)	
	<b>Touchscreen</b>	<b>Type</b>	Resistive 5 wires
		<b>Interface</b>	USB

## RfID reader features

<b>RfID reader</b>	<b>Supported card</b>	125KHz EM card
	<b>Interface</b>	USB
	<b>Emulation</b>	Keyboard

<b>Mechanical</b>	<b>Fixing method</b>	Wall mount
	<b>Fixing standard</b>	VESA100
<b>Environment</b>	<b>Dimensions</b>	See next pages
	<b>Operating temp.</b>	0°C ~ +60°C
	<b>Non operating temp.</b>	-10°C ~ +60°C
	<b>Relative humidity</b>	20% ~ 90% Not condensed
<b>Certifications</b>	<b>Reference marks</b>	CE, RoHS
	<b>Directive</b>	Built according to European Directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS)
<b>Company Datasheet</b>	<b>Reference standard</b>	UNI EN ISO 9001
	<b>Doc. ref.</b>	ZST-4292-00000015-00
	<b>Ordering code</b>	CNTOTEM-PISA-17-00



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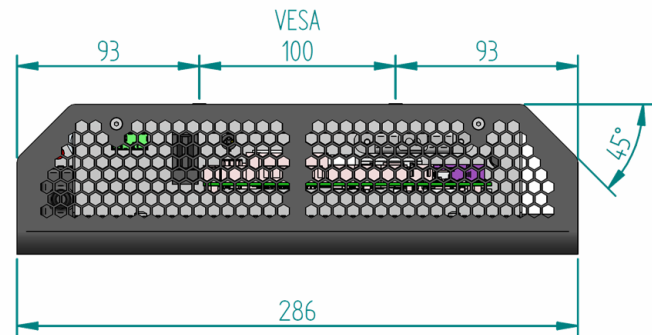
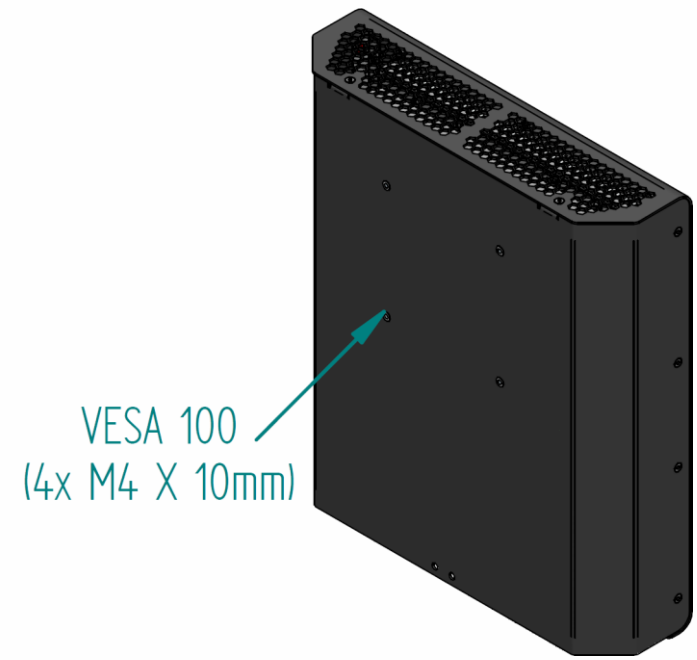
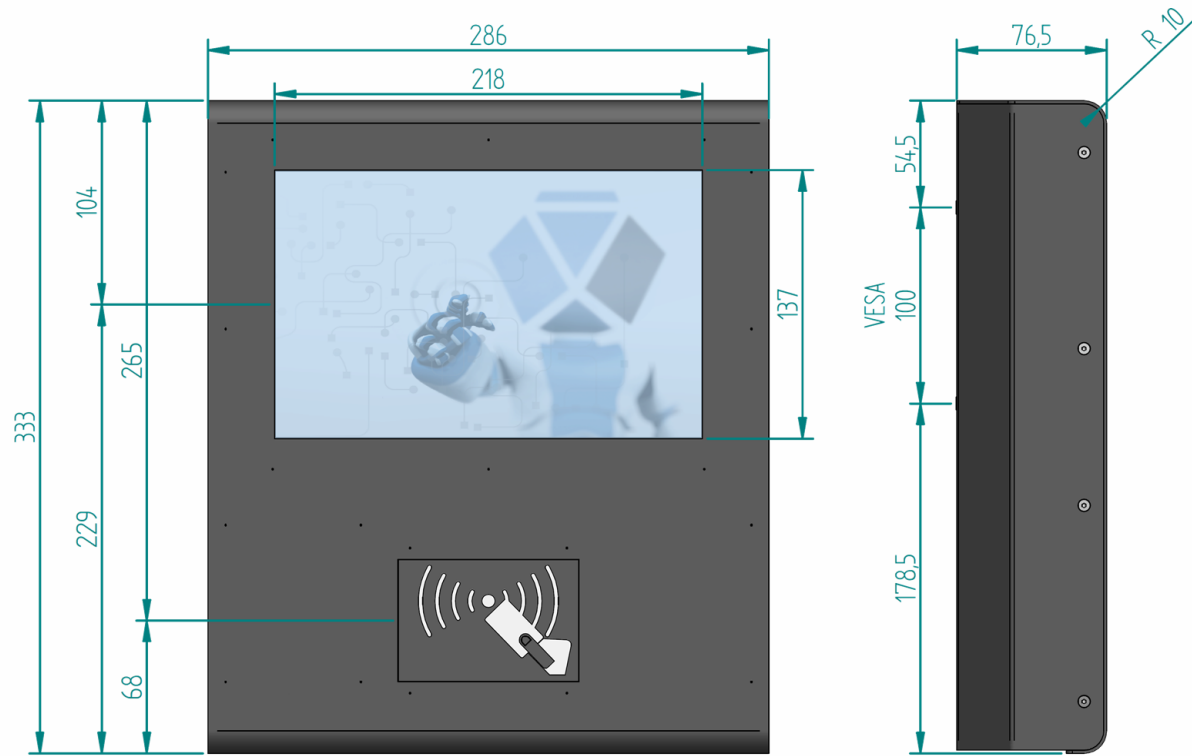


azienda con sistema di gestione per la qualità certificato  
**ISO 9001:2008**

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All dimensions are expressed in millimeters (mm)



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