



## Brianza190

Totem for Industrial environment



- ✓ Designed for hard industrial environments
- ✓ Enclosure with IP54 degree of protection
- ✓ Fanless cooling system
- ✓ 19" LCD with LED backlight
- ✓ Vandal-proof stainless steel keyboard
- ✓ Central unit easily replaceable
- ✓ High capacity with 7<sup>th</sup> generation Intel® Core™ processors

	 Kaby Lake CPU 7 <sup>th</sup> Gen Intel® Core™	 UP TO 32 GB	 LAN Gb LAN	 WATCHDOG 1-255s	 IP54	 Fanless 0dB Emission	 KEYBOARD & TRACKBALL Vandal Proof IP65	 CUSTOMIZABLE COLOUR
 WiFi 802.11ac	 4.0 Bluetooth	 RFID	 LCD 19" LED	 MULTI TOUCH	 GLOVE CAPABLE TOUCHSCREEN	 0~45°C	 RoHS	 CE



## Technical features

<b>System</b>	<b>Supported Processors</b>	7 <sup>th</sup> & 6 <sup>th</sup> Generation Intel® Core™ i3/i5/i7 TDP MAX 35W - LGA1151 Socket
	<b>Chipset</b>	Intel® H110 Chipset (Intel® GL82H110 PCH)
	<b>Internal expansion slots</b>	1 x Full-size mSATA (USB/SATA) 1 x Half-size Mini PCIe (USB/PCIe) used for WiFi/BT module
<b>Memory</b>	<b>Max expansion</b>	32GB
	<b>Type</b>	SO-DIMM DDR4 1866/2133/2400/3200MHz
	<b>Total slots</b>	2 (Dual Channel)
<b>Front I/O interfaces</b>	<b>USB</b>	1 x USB 3.0 IP68
<b>Rear I/O interfaces</b>	<b>USB</b>	1 x USB 3.0 IP68
	<b>ON / OFF / RESET</b>	1 x power button
<b>Internal I/O interfaces</b>	<b>USB</b>	1 x USB 3.0
	<b>Ethernet</b>	1 x 2.5mt RJ45 LAN cable
	<b>Power</b>	1 x 2.5mt ITA power cable
<b>Storage</b>	<b>Internal storage bay HDD/SSD</b>	1 x SSD Full-size mSATA 1 x SSD/HDD 2.5" SATA
	<b>Controller</b>	SATA 3 6.0Gb/s
	<b>Management</b>	<b>Watchdog</b>
<b>Graphics subsystem</b>	<b>Integrated video interfaces</b>	Intel® HD Graphics (depends on the installed CPU model)
	<b>Supported features</b>	DirectX 12, OpenGL 5.0, OpenCL 2.1 (depends on the installed CPU model) Panel type : a-Si TFT-LCD (LED Backlight) Diagonal / aspect ratio : 19" / 5:4 Pixel H x V : 1280 x 1024 Pixel Pitch : 294 x 294 mm Contrast : 1000:1 Brightness : 250 cd/m <sup>2</sup> Response time : 5ms Viewing angle : 170°(H)/160°(V)
<b>Display</b>	<b>Touchscreen</b>	Touchscreen 4 contemporary touches Technology: IR (InfraRed)
	<b>Network subsystem</b>	<b>Integrated LAN adapter</b>
<b>Network subsystem</b>	<b>Integrated WiFi adapter</b>	IEEE 802.11a/b/g/n/ac WLAN 2.4GHz and 5GHz, up to 866.7Mbps
	<b>Integrated BT adapter</b>	Bluetooth Supported standard : BT 2.1/3.0/4.0
	<b>Power</b>	<b>Nominal input</b>
<b>Software</b>	<b>Supported operating system</b>	Windows 10 64bit

<b>Mechanical Features</b>	<b>W x H x D</b>	see next pages
	<b>Weight</b>	50 Kg (estimate)
	<b>Fastening</b>	Floor fixing
<b>Environment</b>	<b>Colour</b>	Standard : RAL9005 fine wrinkled Optional : Different colors on request, subject to availability and Minimum Order Quantity
	<b>Operating temp.</b>	From +0°C to +45°C
	<b>Non operating temp.</b>	From -10°C to +70°C
<b>Product Certifications</b>	<b>IP Grade</b>	IP54 IP68 on the external USB connector
	<b>Suitable for</b>	Indoor use only
	<b>Reference Marks</b>	CE, RoHS
<b>Company Certifications</b>	<b>Directives, rules &amp; regulations</b>	Built according to European Directive 2014/53/EU (RED), 2011/65/EU & 2015/863/EU (RoHS III)"
	<b>Reference Standards</b>	UNI EN ISO 9001
<b>Optional Kit</b>	<b>Keyboard</b>	IP65 vandal proof stainless steel industrial keyboard 69 keys, IT Layout 400 DPI trackball 3 mouse buttons
	<b>RFID</b>	Mechanical predisposition. Request for more information.
<b>Ordering code</b>	<b>BCR</b>	Barcode reader. Mechanical support, see next pages. Request for more information.
	<b>CNTOTEM19P-S-18-01E</b>	Totem "Brianza190", ANONYMOUS, T/S IR, WIFI+BT, Keyboard, BLACK RAL9005 fine wrinkled
	<b>CNTOTEM19P-S-18-01F</b>	Totem "Brianza190", ANONYMOUS, T/S IR, WIFI+BT, RFID, Keyboard, BLACK RAL9005 fine wrinkled
	Doc. Ref.	ZST-4292-0000036-02

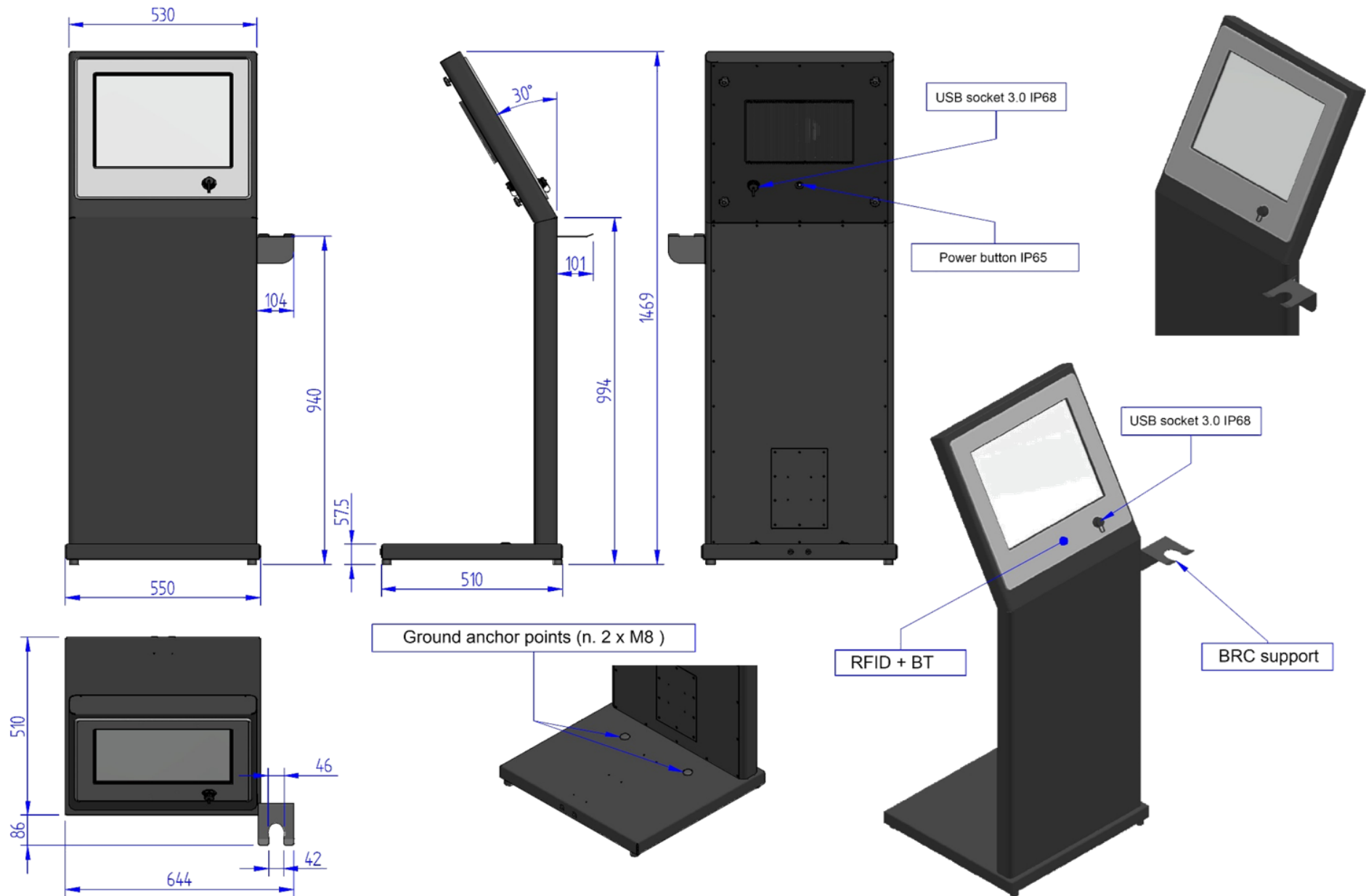


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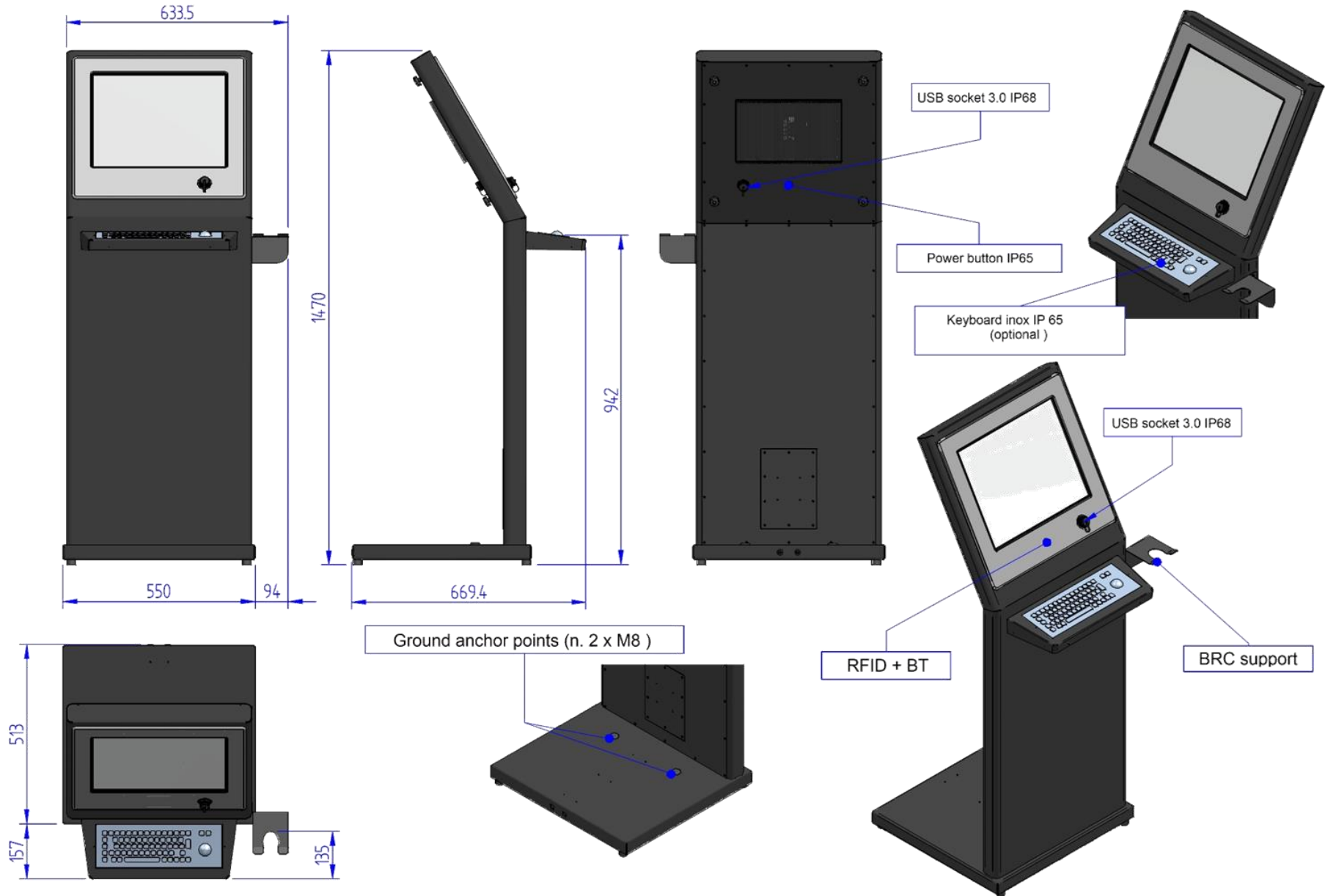
## Totem Brianza190 without keyboard



All dimensions are expressed in millimeters (mm)



## Totem Brianza190 with keyboard



All dimensions are expressed in millimeters (mm)