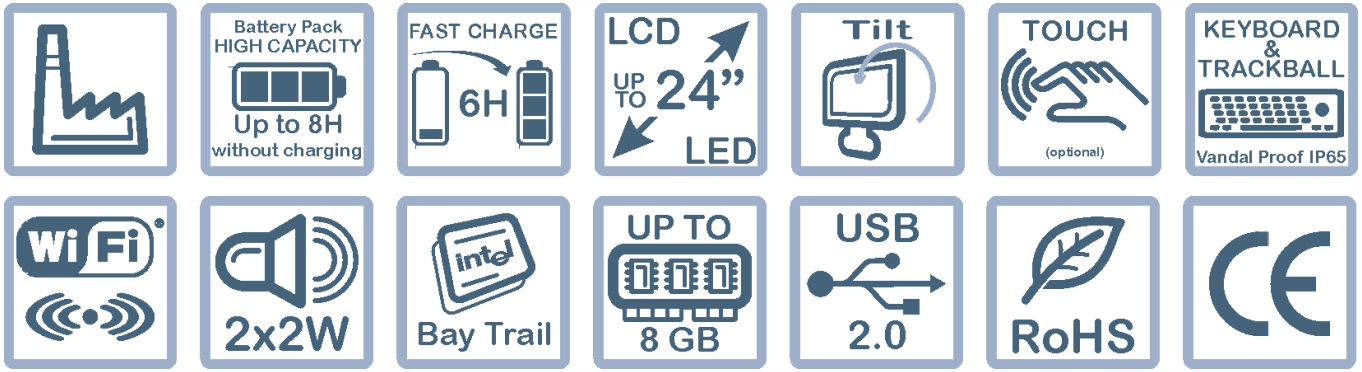
INTERCOMP

ACUS

Computerized cart for semi-industrial environments

- ✓ Designed for long-term use in semi-industrial environments.
- ✓ Customizable (on request) with additional accessories such as: label printer, barcode reader, etc.
- ✓ Base configuration with LCD 19" LED display, customizable with any VESA100 compatible display up to 24”, also with touchscreen function.
- ✓ Display support VESA100 with adjustable tilt.
- ✓ Easy to handle even in the presence of small slopes thanks to large anti-static wheels.
- ✓ Easy handling due to the large ergonomic handle.
- ✓ High operating autonomy without connection to the mains power supply.
- ✓ Charging station not needed, battery charge and charge indicator are integrated into cart.



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ACUS	**Description**	Battery powered computerized cart for semi-industrial environments.
	Shelf	Shelf with integrated stainless steel keyboard (97key) & trackball with IP65 protection degree
	Wheels	Front: 125mm, anti-static Rear: 125mm, anti-static, parking brake
	Handling	Ergonomic front and rear handle
	Display support	Tilt from 0° (vertical) to 90° (horizontal) Reference standard : VESA100 Note : The base version is equipped with a 19" display (see next page). Different display screens can be installed on request, also with touchscreen function.
Power system	**Battery operation**	Up to 8* hour *Estimated lifespan with one 100Ah@12V battery in perfect working conditions and 100% of charging, used in conjunction with a J1900 CPU and 19" display system with an average 70% processing power output.
	Battery replacement	The battery is integrated into the structure and can only be replaced at the end of its life cycle. This operation can only be performed by a specialized and authorized operator.
	Charging indicators	Built-in led bar charge indicator integrated into the base.
	Safety	1 x 80mm fan integrated in the base to prevent overheating. 1 x Battery Switch 1 x External power supply switch
Internal battery	**Capacity**	100Ah
	Voltage	Nominal tension : 12V DC
	Type	AGM (Absorbent Glass Mat)
	Storage	To ensure good operation, the cart must be stored with at least 70% charge and for periods not exceeding 6 months. For storage times longer than 6 months, charge maintenance cycles are planned.

Charging system	**Charging mode**	The cart is charged directly from the mains (no need for other external equipment)
	Supported voltages	230V @ 50Hz
	Charging times	Estimated in about 6h (25% to 100%)
Mechanical characteristics	**Dimensions (L x H x D)**	Dimensioni complete complessive x x mm
	Weight	75KG in medium configuration
	Colour	Black
Product Certification	**Reference marks**	CE, RoHS
	Directives	Built according to European Directive 2014/30 / EU (EMCD), 2014/35 / EU (LVD) and 2011/65 / EU (RoHS)
Company Certification	**Reference standards**	UNI EN ISO 9001
Ref. code	**Product code**	CNACUS01-17-01
	Ref. Doc.	ZST-4292-00000004-00

Intercomp S.p.A.
Via della Scienza 27
37139, Verona, Italia
Tel +39 045-8378411
Fax +39 045-8510539

www.intercomp.it

intercomp@intercomp.it

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Update 04/05/2017

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System	**Processor**	Intel® Celeron® Processor J1900 Quad Core, 2M Cache, up to 2.42 GHz, TDP 10W
	Slot di espansione	1 x Full mini PCIe x1 (for WiFi card) 1 x Full mini PCIe x1 & mSATA
Memory	**Memory expansion**	Up to 8GB
	Type	DDR3L SO-DIMM 1333MHz
	Slot	1
Internal I/O interfaces	**USB**	1 x USB 3.0 1 x USB 2.0
	Audio	1 x Jack 3.5mm Microphone 1 x Jack 3.5mm LineOut (Headphone)
	LAN	2 x RJ45
	Video	1 x HDMI 1 x VGA
	Serial	1 x RS232
	Button & Led	1 x Reset button 1 x HDD led
External I/O interfaces	**Button & Led**	1 x Power button with power led
	USB	2 x USB 2.0
Storage	**SSD/HDD bay**	1 x 2.5” SSD/HDD SATA 1 x SSD mSATA
	Integrated storage controller	SATA2 3.0 Gb/s
Video subsystem	**LCD panel**	19” TFT LCD
	Aspect ratio	5:4
	Resolution	1280 x 1024
	View Angles	Orizzontale: 170° / Verticale: 160°
	Color	16.7 milioni
	Brightness	250 cd/m^2
	Contrast ratio	1000:1
	Response time	5ms
	Touchscreen	NO
	Integrated Graphic adapter	Intel® HD Graphics Graphics Base Frequency 688.00 MHz Graphics Max Dynamic Frequency 854.00 MHz Displays supported 2 (@ the same time)
Audio subsystem	**Integrated Audio adapter**	Intel® HD Audio
	Channel	2
	Integrated speakers	2 x 2W
Network subsystem	**Integrated LAN adapter**	2 x 10/100/1000 Intel i211AT Gigabit LAN
	WiFi	2 x WiFi antenna

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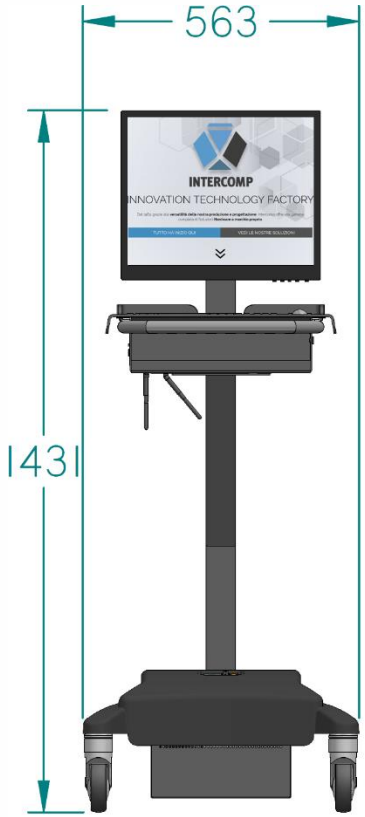

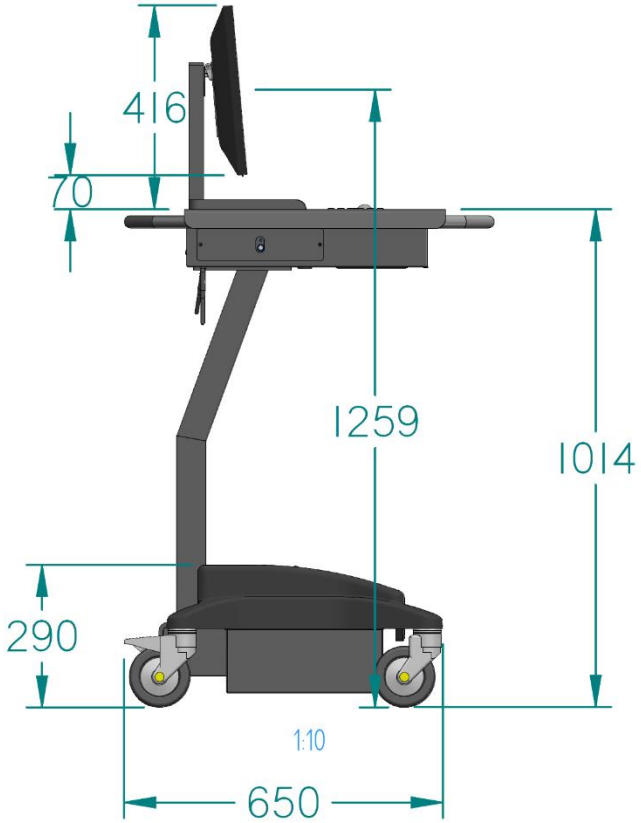

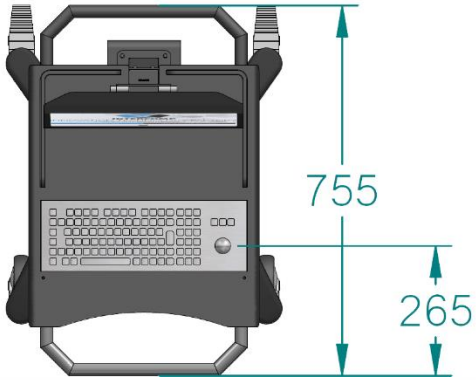

All dimensions are expressed in millimeters (mm)