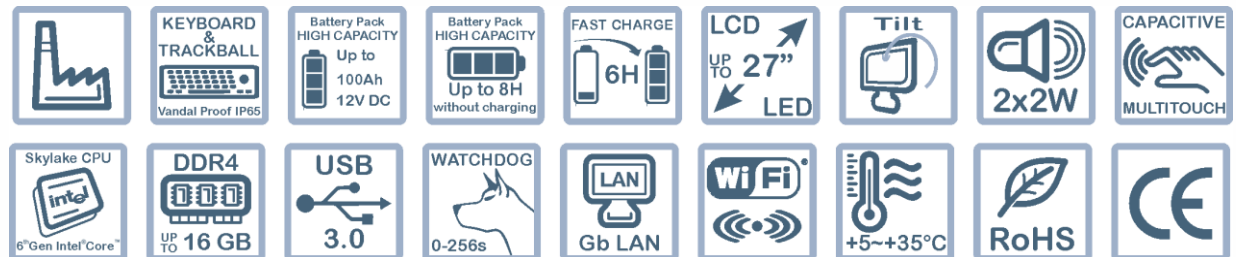# INTERCOMP

ACUS
Computerized cart for semi-industrial

✓ Designed for long-term use in semi-industrial environments

✓ Customizable with additional accessories such as: label printer, barcode reader, etc

✓ Base configuration with LCD 27" Full HD with 10 point PCap touchscreen

✓ Support VESA100 with adjustable tilt

✓ Easy to handle even in the presence of small slopes thanks to large anti-static wheels

✓ Easy to handle due to the large ergonomic handles

✓ High operating autonomy without connection to the mains power supply

✓ Charging station not needed, battery charge and charge indicator are integrated into cart

✓ Up to 6th generation Intel® Core™ processor

✓ Up to 16GB RAM

✓ WiFi 802.11 b/g/n

	KEYBOARD & TRACKBALL — Vandal Proof IP65	Battery Pack HIGH CAPACITY — Up to 100Ah 12V DC	Battery Pack HIGH CAPACITY — Up to 8H without charging	FAST CHARGE 6H	LCD UP TO 27" LED	Tilt	2x2W	CAPACITIVE MULTITOUCH
Skylake CPU — 6th Gen Intel® Core™	DDR4 — UP TO 16 GB	USB 3.0	WATCHDOG 0-256s	LAN Gb LAN	WiFi	+5~+35°C	RoHS	CE

ACUS
Computerized cart for
semi-industrial environments

Technical features ACUS base

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	Check Ordering Code table. The base version is equipped with different AIO solution
Power system	**Battery operation**	Up to 8* hour *Estimated lifespan with one 100Ah@12V battery in perfect working conditions and 100% of charging
	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	Pb
	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%) *Estimated lifespan with one 100Ah@12V battery in perfect working conditions and 100% of charging
	Socket type	IEC-320 C-14

Mechanical Features	**L x H x D**	See next page
	Weight	70KG (estimated in in medium configuration)
	Color	Black
Environment	**Operating temp.**	From +5°C to +35°C
	Non operating temp.	From +5°C to +25°C
	RH	From 20% to 85% non cond.
	Non operating RH	From 5% to 95% non cond.
	Suitable for	Indoor use only
	Protection degree	IP20
	Cooling System	1 x safety 80mm fan integrated in the base
Product Certifications	**Reference Marks**	CE, RoHS
	Directives, rules & regulations	Built according to European Directive 2014/53/EU (RED), 2011/65/EU & 2015/863/EU (RoHS III)
Company Certifications	**Reference standards**	UNI EN ISO 9001
Ordering Code	**CNACUS10-01A-00**	Base ACUS v10 - MODULAR - PC, MONITOR (Touch), BATTERY - BLACK, rev.00
	Ref. Doc.	ZST-4292-00000171-00

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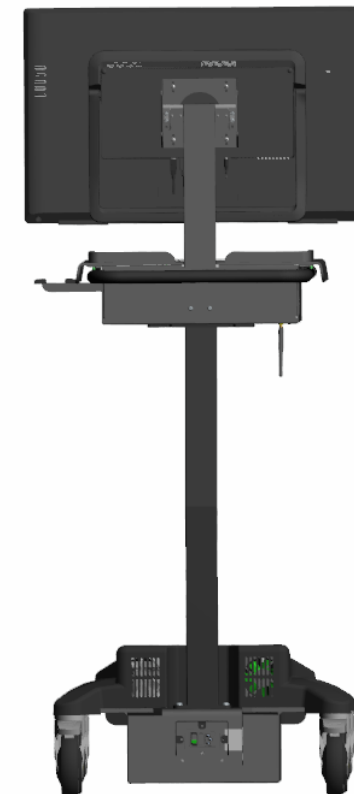Via della Scienza 27, 37139, Verona, Italia
Tel +39 045-8378411 Fax +39 045-8510539
www.intercomp.it intercomp@intercomp.it

ACUS
Computerized cart for
semi-industrial environments

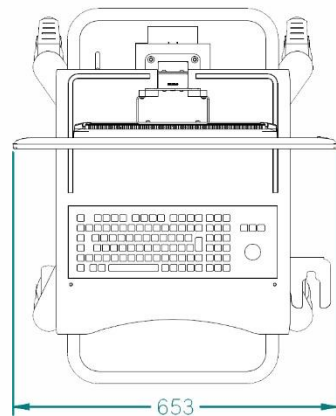| System		
	Processor	Intel® Core™ 6th i5-6200U (Skylake) Dual core 2.3Ghz, burst to 2.8 Ghz. TDP up to 15W
	Bios	SPI AMI EEI BIOS
	Expansion slot	1 x Mini-PCIe
	Note	The processor is integrated and not replaceable after the order
Memory	**Installed**	8GB
	Max expansion	16GB
	Type	DDR4 2133 SO-DIMM 4GB, 8GB, 16GB
	Slot	1
External I/O interfaces	**USB**	2 x USB 3.0
	Button & Led	1 x Power switch with power led
Internal I/O Interface	**USB**	4 x USB 3.0
	Audio	1 x Jack 3.5mm headphone 1 x Jack 3.5mm microphone
	LAN	2 x RJ45
	Video	1 x HDMI
	Power	1 x DC jack power connector
	Serial	N/A
	Note	Some ports can be used for internal connections
Storage	**Integrated controller**	1 x mSATA
	Installed	1 x 256GB
	HDD/SSD bay	N/A
Video subsystem	**Integrated Graphic adapter**	Intel® HD Graphics (depends on installed CPU)
	LCD panel	Panel type: TFT – Led Backlight Size: 27"Aspect ratio: 16:9 Pixel HxV: 0.311 (H) x 0.311 (V) mm Color: 16.7M Brightness: 300 cd/m² Contrast Ratio: 1000 : 1 (Typ) Response Time: 8 msec Viewing angle: Horizontal 178° – Vertical 178° Max resolution : HDMI (Full HD): 1920x1080@60Hz
	Touchscreen	Touchscreen with projected capacitive technology, up to 10 touch points, USB interface
Audio subsystem	**Integrated audio adapter**	High-Definition Audio
	Integrated speakers	2 x 2W (integrated on display)
Network subsystem	**Integrated network adapter**	2 x Intel I211AT (10/100/1000)
	WiFi	Dual Band Wireless 2.4/5GHz 802.11 b/g/n
Management	**Watchdog Timer**	Programmable via Software from 0 to 256 Seconds
Software	**Supported oparating system**	Microsoft Windows 10 64bit

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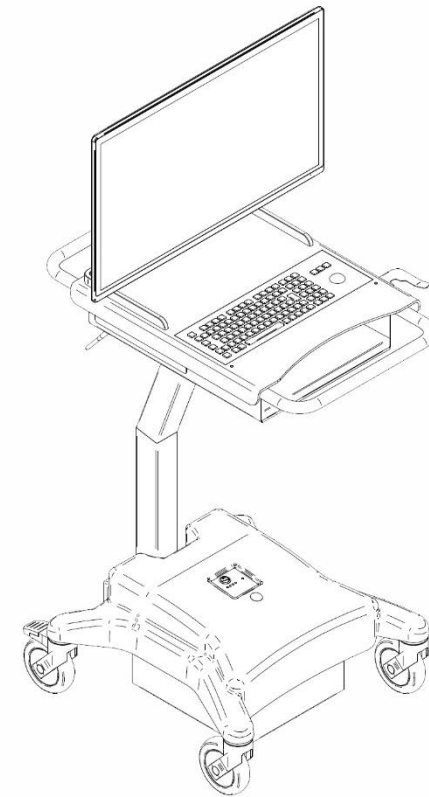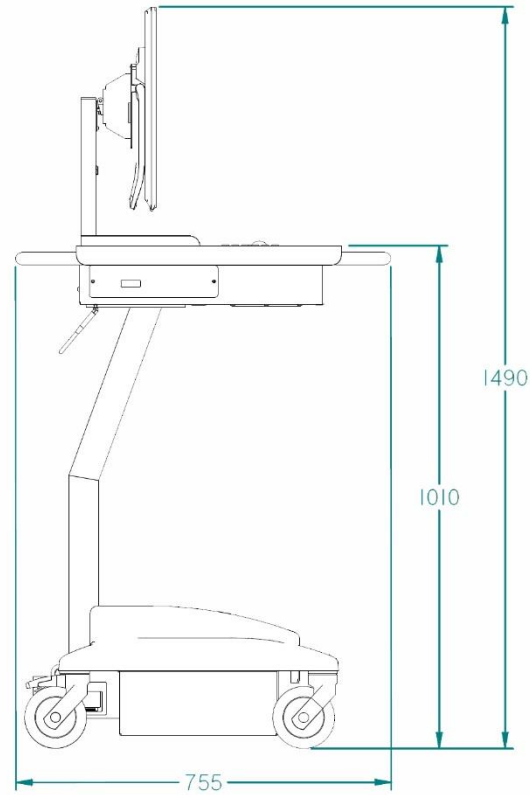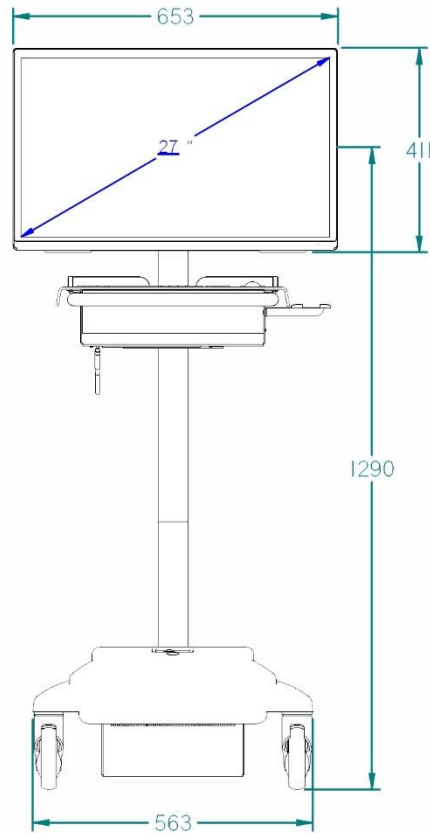**Intercomp S.p.A.**
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CERTIFIED
ISO
9001:2015
COMPANY

ACUS
Computerized cart for
semi-industrial environments

Mechanical features ACUS & LCD 27"

653

27 "

411

1290

563

1490

1010

755

653

670

870

PACKAGING
MEASURES

1630
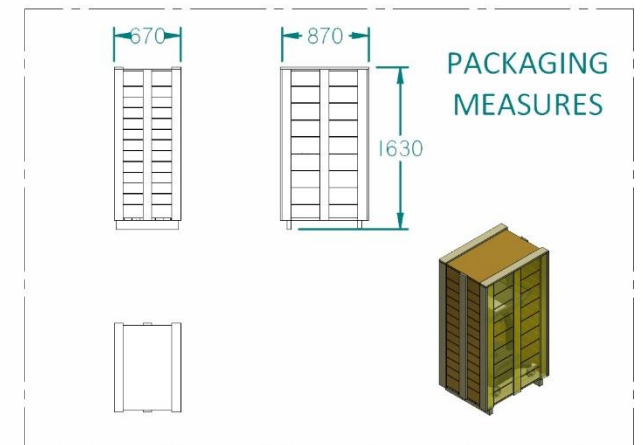
All dimensions are expressed in millimeters (mm)