

iCOMED 24

Medical All-In-One 



- ✓ Ideal for healthcare environment & non-powered medical carts.
- ✓ Three hot-swappable batteries with a total runtime of 8~16 hours
- ✓ 24" fanless FHD medical grade panel PC
- ✓ Intel® Celeron®, Core™ i5/i7 Skylake ULT SoC processor
- ✓ The battery docking station can perform fast charging, taking only 3 hours from 0 to 100%
- ✓ Optional integrated RFID reader
- ✓ Certification: CE, FCC (IEC EN 60601-1-2)





Technical features

Communication	Bluetooth	V4.2 (M.2 2230 A-E key module)	
	Wi-Fi	IEEE 802.11 a/b/g/n/ac 2T2R module	
Display	Backlight MTBF	30000 hrs	
	Brightness	250 cd/m ²	
	Contrast Ratio	1000:1	
	LCD Size	24"	
Environment	Max Resolution	1920x1080	
	Humidity	10% to 90% (non-condensing)	
	IP Level	Front: IP65, Back: IP32	
	Operating Temperature	0°C~40°C	
	Storage Temperature	-20°C~60°C	
I/O Interface	Audio	2 x 3W Speaker	
	Expansion	1 x Full-size/half-size PCIe Mini (PCIe+USB)	
	I/O Ports and Switches		2 x USB 2.0 (side)
			4 x USB 3.0 port
			2 x HDMI output
			2 x GbE LAN port
			2 x RS-232/422/485
			1 x Audio out (side) + 1 x Mic in (side)
			1 x Digital Mic
			1 x DC jack
		1 x AT/ATX Switch	
		2 x Speaker	
Other Features	RAM	1 x 4GB, 260-pin 2133/1866 MHz dual-channel DDR4 non-ECC unbuffered SO-DIMMs (system max. 32GB)	
	Camera	5-megapixel CMOS front-facing camera with auto-focus and digital microphone	
	Microphone	digital microphone	
Physical Characteristics	System Cooling	Fanless	
	Color	White	
	Construction Front Panel	ABS+PC plastic with anti-bacterial material	
	Dimensions (LxWxH) (mm)	543 x 350 x 71 mm	
	Mounting	Wall, Stand and Arm VESA 100/75	
Power	Power adapter	150W medical power adapter	
	Power Supply	3 slots for hot swappable battery pack	
System	Cooling method / System Fan	Fanless	
	CPU	6th generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U	
	Storage		1 x 2.5" accessible SATA HDD bay
			2 x M-key M.2 2242/60/80 (PCIe+SATA) with RAID

Touch LED Function	Touch Screen	Projected capacitive type with 10-point multi-touch
	LED Function	1 x RFID indicator 3 x Battery indicator (Color : Blue/Red) 1 x Power Indicator
OSD Function	OSD Function	1 x Brightness up 1 x Brightness down 1 x Volume up 1 x Volume down 1 x Touch lock & LCD on/off 1 x Task Manager & Power on/off
Mechanical features	W x H x D	595 x 380 x 71 mm
	Placement	VESA 75/100
	Weight	8.18 kg without batteries 9.53 kg with 3 batteries
Software	Supported operating system	Windows 10 64bit
Environment	Operating temp.	From 0°C to 40°C
	Non op. temp.	From -20°C to +60°C
	RH	10% to 90% (non-condensing)
Product certification	Reference marks	CE, FCC
	Reference	Build in conformity with : - 2014/53/EU(RED) and 2011/65/EU(RoHS) - IEC 60601-1-2 - 47 CFR FCC Part18, Subpart C
Company certification	Reference standards	UNI EN ISO 9001
Product code	CNICOMED24-CEA-00	PC PANEL Fanless ICOMED24, 24" FHD, PCAP, 3855U, DDR4, 3xLi-ion 7800mAh, 19Vdc
	CNICOMED24-ISA-00	PC PANEL Fanless ICOMED24, 24" FHD, PCAP, i5-6300U, DDR4, 3xLi-ion 7800mAh, 19Vdc
	CNICOMED24-ITA-00	PC PANEL Fanless ICOMED24, 24" FHD, PCAP, i7-6600U, DDR4, 3xLi-ion 7800mAh, 19Vdc
	Doc. Ref.	ZST-4292-00000116-00



Scan me



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

The product may differ from the images shown. All registered names and trademarks are legitimate owners. All features and specifications can be changed without prior notice.
Last update 29/03/2021



Three Hot-swappable Batteries

Three hot-swappable, rechargeable lithium-ion batteries provides non-stop operation service for nursing cares

- Long lasting battery (7800mAh/87Wh each battery pack) provide sufficient power for running 8~16 hours
- The user can change the low power hot-swappable battery anytime without work interruption and avoid water and dust dropping
- Ergonomic side-facing design ease the use for nurses with different height and avoid dust and water accumulation
- The fool-proof battery slot with clean indication can avoid wrong operations.



Digital microphone 19V DC Jack RS-232/422/485 GbE LAN AT/ATX HDMI USB 3.0

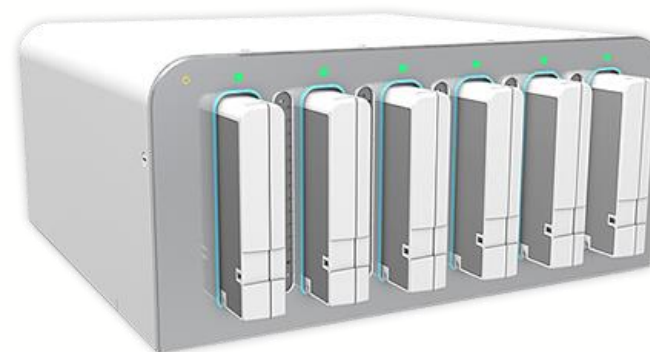
6-Slot Battery Charging Station

(optional)

The 6-slot battery charging station built-in with an optimized charging module provides fast charging capability.

Six batteries can be fully charged within 3.5 hours delivering greater convenience for the daily charging task.

- Side slide-in design prevents the station from dust and water accumulation
- Sleek outlook design with 15V/280W AC power adapter.



Scan me



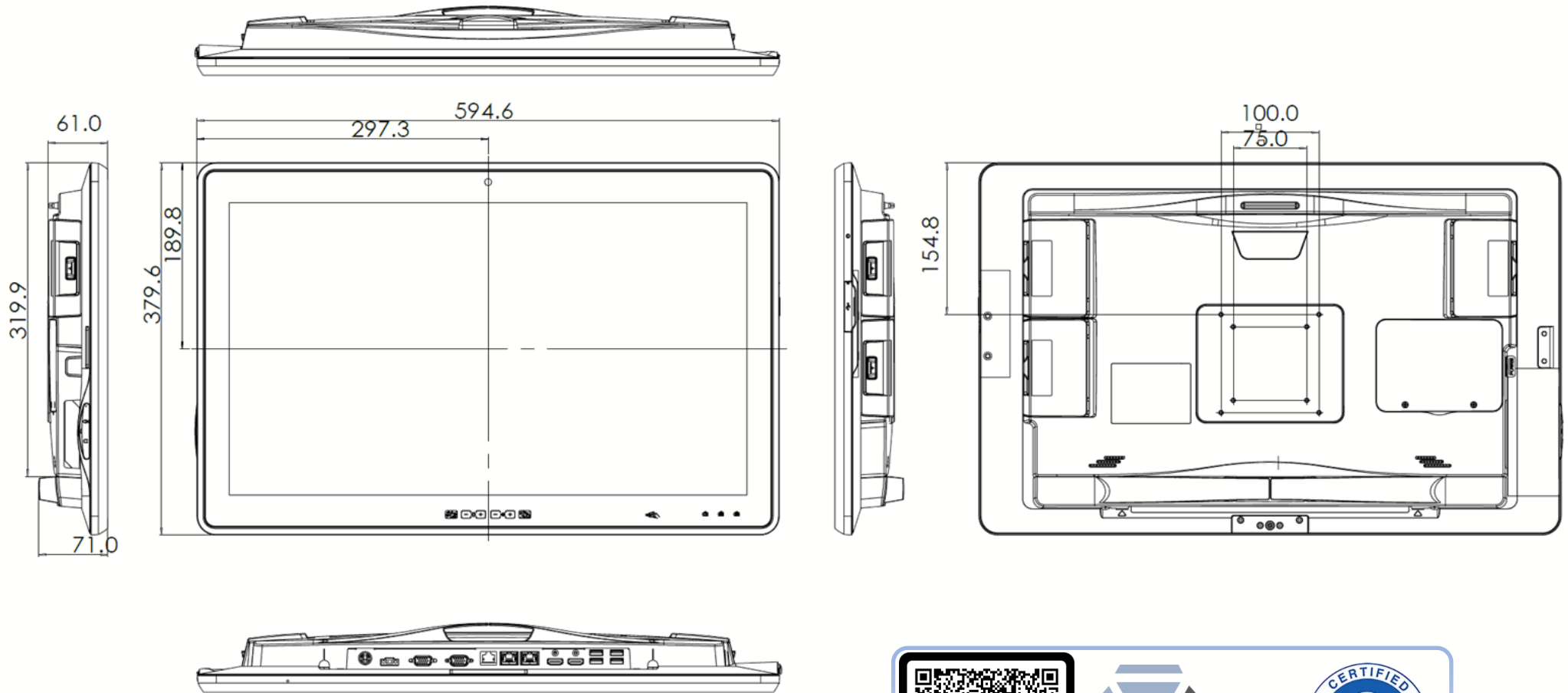
Intercomp S.p.A.

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

The product may differ from the images shown. All registered names and trademarks are legitimate owners. All features and specifications can be changed without prior notice.
Last update 29/03/2021



Mechanical specification



Scan me



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

The product may differ from the images shown. All registered names and trademarks are legitimate owners. All features and specifications can be changed without prior notice.
Last update 29/03/2021

All dimensions are expressed in millimeters (mm)