



VIA MAESTRI DEL
LAVORO,30
(ZONA INDUSTRIALE)
56021 CASCINA (PI)
ITALY

CAPITALE SOCIALE
100.000,00 €

C.F. E P.I. 01252870504



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UNCNCML001, UNCNCML002, UNCNCML002, UNCNCML002 CENTRAL UNIT “ML” and “EL” MODELS WITH INTEGRATED HMI Reduced Data sheet

Version: 1

Date: 22.01.2026

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Overview



Figure 1: UNCNCML001, UNCNCML001

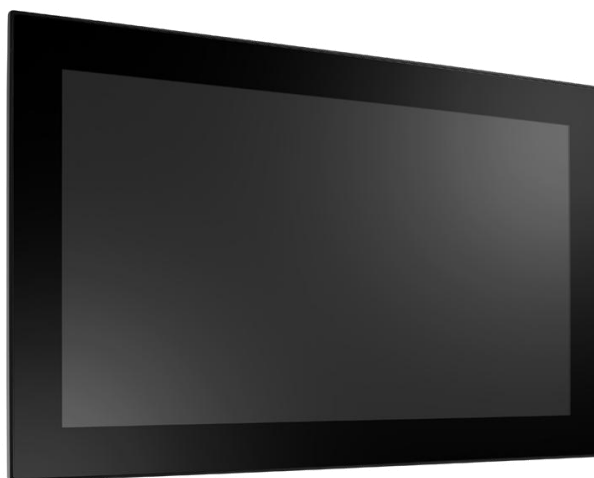


Figure 2: UNCNCML002, UNCNCML002

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Part Number

Codes

Code	Description
UNCNCML001	CNC Costantino ML 24" with HMI vertical W10 IoT 8GB + 128GB
UNCNCEL001	CNC Costantino EL 24" with HMI vertical W10 IoT 8GB + 128GB
UNCNCML002	CNC Costantino ML 24" with HMI Landscape W10 IoT 8GB + 128GB
UNCNCEL002	CNC Costantino EL 24" with HMI Landscape W10 IoT 8GB + 128GB

Alternative Codes

The product UNCNCML001 had following discontinued part-number: PANELPC03

The product UNCNCEL001 had following discontinued part-number: PANELPC04

The product UNCNCML002 had following discontinued part-number: PANELPC06

The product UNCNCEL002 had following discontinued part-number: PANELPC07

Product status

Item	Value
Status	Spare parts only
In production from	Jan 2018
Spare parts only from:	Jan 2026

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Technical data summary

	UNCNCML001, UNCNCML002	UNCNCEL001, UNCNCEL002
Operating System	Microsoft Windows® 10 IoT Enterprise 2021 LTSP	
Processor System		
CPU	Intel® 6th Generation Core™ i3-6100TE	Intel® 6th Generation Core™ i7-6700TE
Core Number	2	4
Max Speed	2.7 GHz	2.4 GHz
Chipset	Intel® Q170	
BIOS	AMI EFI 64 Mbit SPI BIOS	
Memory		
Tecnology	Double Channel DDR4 1866/2133 MHz SDRAM	
Size	8 GB divided in 2 banks	
Graphics		
Controller	Intel® HD Graphics 530	
Max Resolution	1920x1200	
Display Memory	Shared	
Ethernet		
Controller	GbE LAN Intel i219LM	
Interface	10/100/1000	
EtherCAT		
Controller	GbE LAN Intel i210	
Interface	100	
Storage Memory		
Size	128GB	
Tecnology	SSD MLC	
Interface	SATA 3	
Max Data Transfer Rate	600 MB/s	
Connections		
USB	4 x (USB 2.0)	
LAN	1 x RJ45	
EtherCat	1 x RJ45	
PWR	1 x Terminal Block	
Display		

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Screen Diagonal Size	24"
LCD Resolution	Full HD 1920x1080(x3) pixels
View Area	303x535 mm
Orientation	Portrait (UNCNCML001, UNCNCML001) Landscape (UNCNCML002, UNCNCML002)
Bit Depth	24 bit
Backlight	LED
Touch Function	Capacitive Touch Screen
Optical Features	
Horizontal Viewing Angle	+/-89 degree
Vertical Viewing Angle	+/-89 degree
White Luminance	300 cd/m2
Contrast Ratio	5000:1
Power Requirements	
Nominal Input Voltage	Single Voltage 24V DC
Max Power Consumption	100W
Power On	AT (Directly Power on as power input ready)
Max Inrush Current	8A (5ms)
Electrical Protections	Reverse Polarity / Overload
Environment	
Operating Temperature	0 ~ 45 °C
Storage Temperature	-20 ~ 70 °C
Humidity	Up to 90% without condensation
Overall Dimension	626 x 394 x 135 mm (HxWxD)
Weight	11 Kg
Mounting	
Arm	VESA 100mm
Wall	No.6 Bracket

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Certifications

Certification	Description
CE	EU Declaration of Conformity: EMC Directive 2014/30/UE Standards used: EN 61000-6-2:2019 EN 61000-6-4:2019
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
CRA	no
Origin	Italy

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Layout and dimension

UNCNCML001, UNCNCML001

Height	394.0 mm
Width	626.0 mm
Thickness	134.5 mm

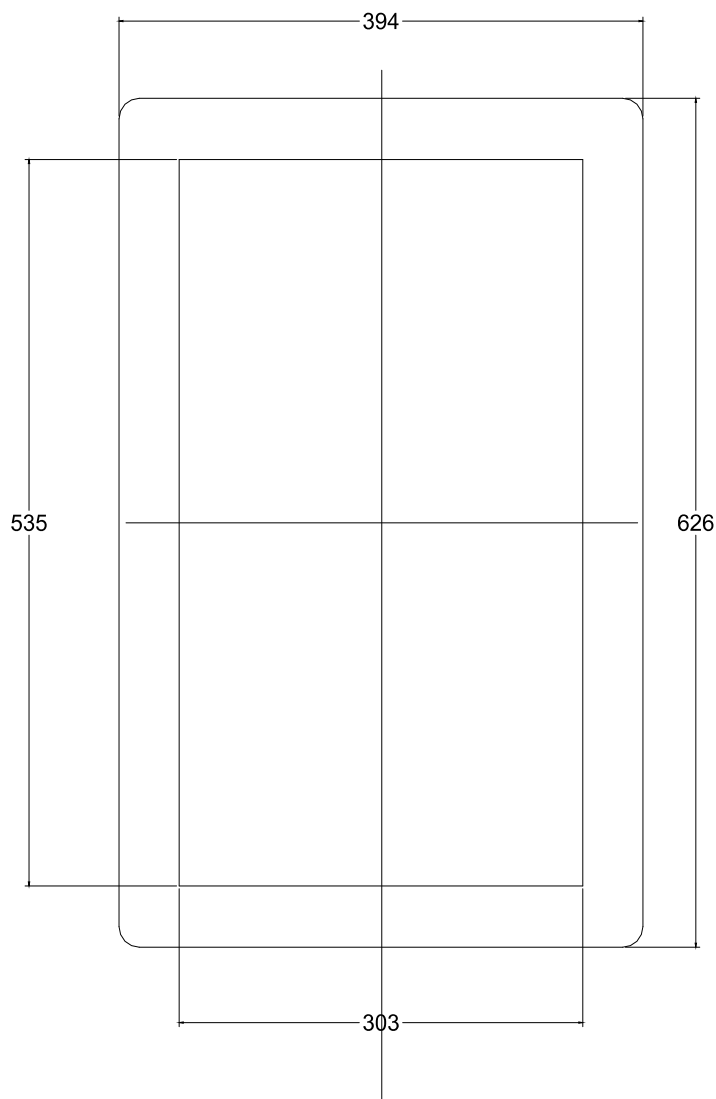


Figure 3: Front View

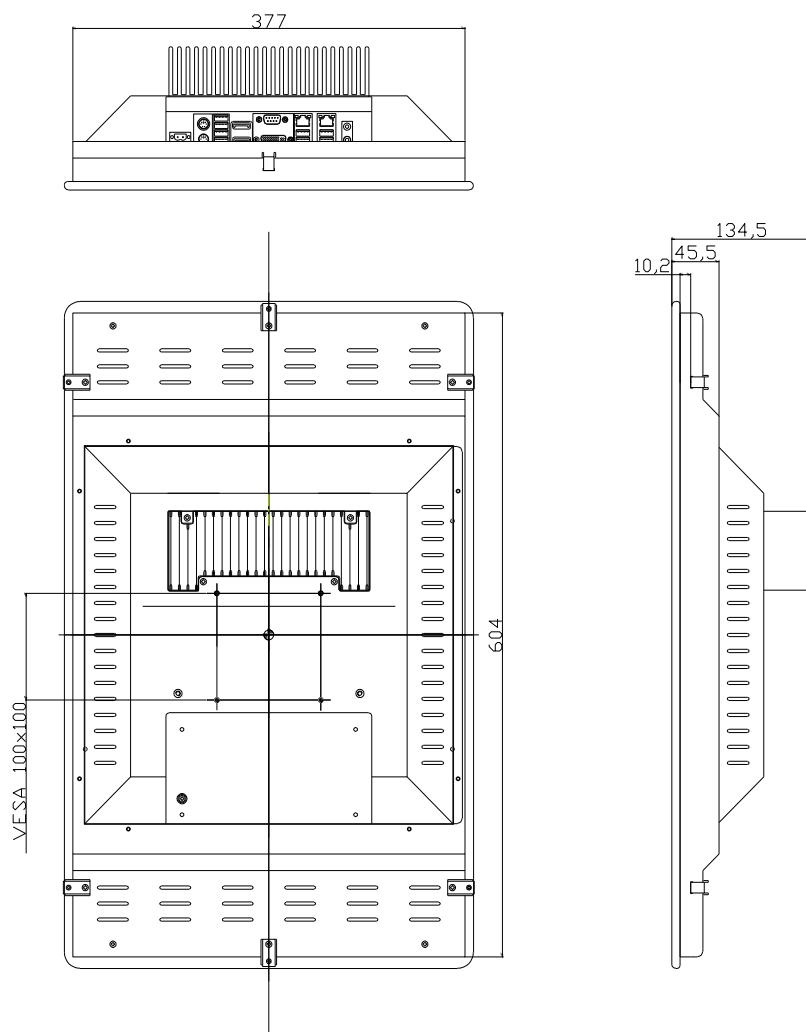


Figure 4: rear view

UNCNCML002, UNCNCML002

Height	626.0 mm
Width	394.0 mm
Thickness	134.5 mm



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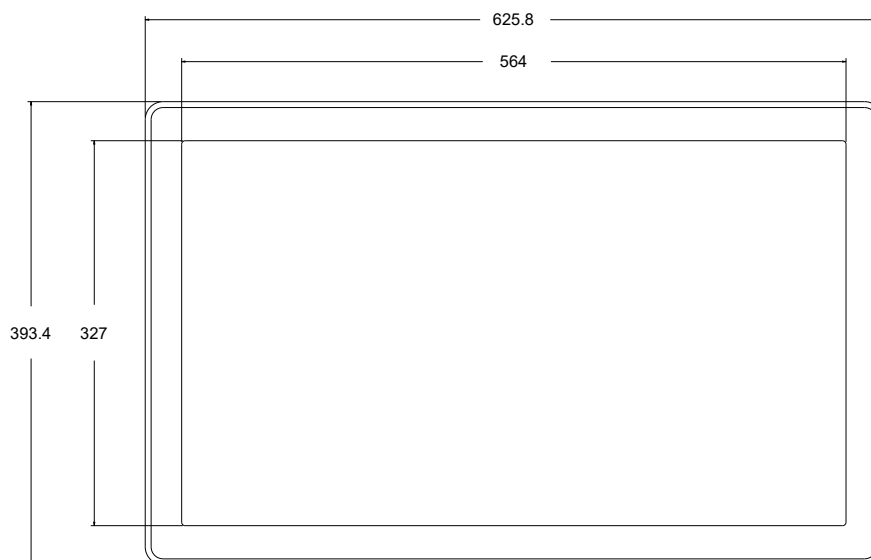


Figure 5: Front View

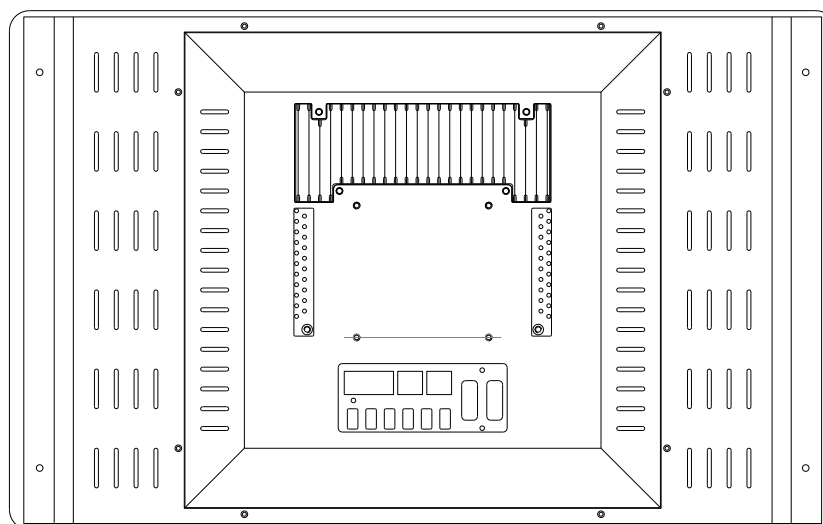


Figure 6: rear view

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Reference documents

Full technical data sheets: *PANELPC03_04_EN*, *PANELPC06_07_EN*

Performance of those products have been rated in *TABRD001_validationLists* (refer to OPMMIPC005 and OPMMIPC007 performance)