

	VIA MAESTRI DEL LAVORO,30 (ZONA INDUSTRIALE) 56021 CASCINA (PI) ITALY CAPITALE SOCIALE 100.000,00 € C.F. E P.I. 01252870504	 +39 050 711131  +39 050 711472  isacsrl@isacsrl.it  http://www.isacsrl.it/
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UNCNCML000, UNCNCCEL000, UNCNCCLX000 CENTRAL UNIT “ML”, “XL” and “EL” MODELS Reduced Data sheet

Version: 1

Date: 22.01.2026

Overview



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Part Number

Codes

Code	Description
UNCNCML000	CNC Costantino ML W10 IoT RAM 8GB SSD 128GB cpu i3
UNCNCEL000	CNC Costantino EL W10 IoT RAM 8GB SSD 128GB cpu i7
UNCNCXL000	CNC Costantino XL W10 IoT RAM 8GB SSD 128GB cpu i5

Product status

Item	Value
Status	Phasing out
Phasing out from, to:	Jan 2024, Jan 2027
In production since:	Jan 2018

Technical data summary

	UNCNCML000	UNCNCXL000	UNCNCEL000
Operating System	Microsoft Windows® 10 IoT Enterprise 2021 LTSC		
Processor System			
CPU	Intel® 7th Generation Core™ i3-7100TE	Intel® 7th Generation Core™ i5-7500TE	Intel® 6th Generation Core™ i7-6700TE
Core Number	2	4	4
Max Speed	2.7 GHz	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 2 banks		
Graphics			



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Controller	Intel® HD Graphics 530	Intel® HD Graphics 630	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		
Storage Memory			
Size	128GB		
Tecnology	SSD MLC		
Interface	SATA 3		
Max Data Transfer Rate	600 MB/s		
Connections			
USB	#4 x USB 2.0 + #4 x USB 3.0		
LAN	#1 x RJ45		
EtherCat	#1 x RJ45		
Display Port	#2 x v.1.2		
DVI	#1 x DVI-D		
COM	#1 x D-Sub 9 Male		
PWR IN	#1 x Removable Terminal Block		
Power Requirements			
Nominal Input Voltage	Single Voltage 24V DC		
Max Power Consumption	60W		
Power On	AT (Directly Power on as power input ready)		
Max Inrush Current	4A (5ms)		
Environment			
Operating Temperature	0 ~ 45 °C		
Storage Temperature	-20 ~ 70 °C		
Humidity	Up to 90% without condensation		
Overall Dimension	120 x 216 x 200 mm (HxWxD)		
Weight	4 Kg		

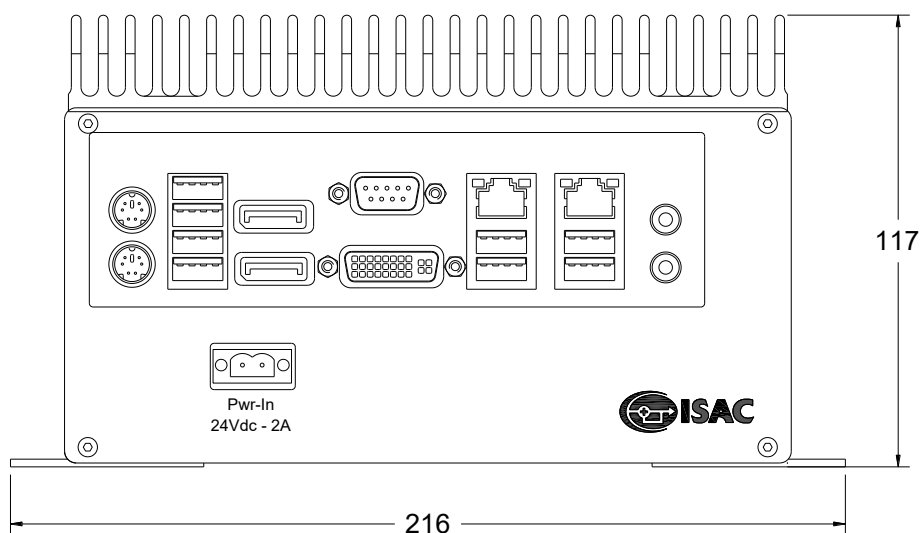
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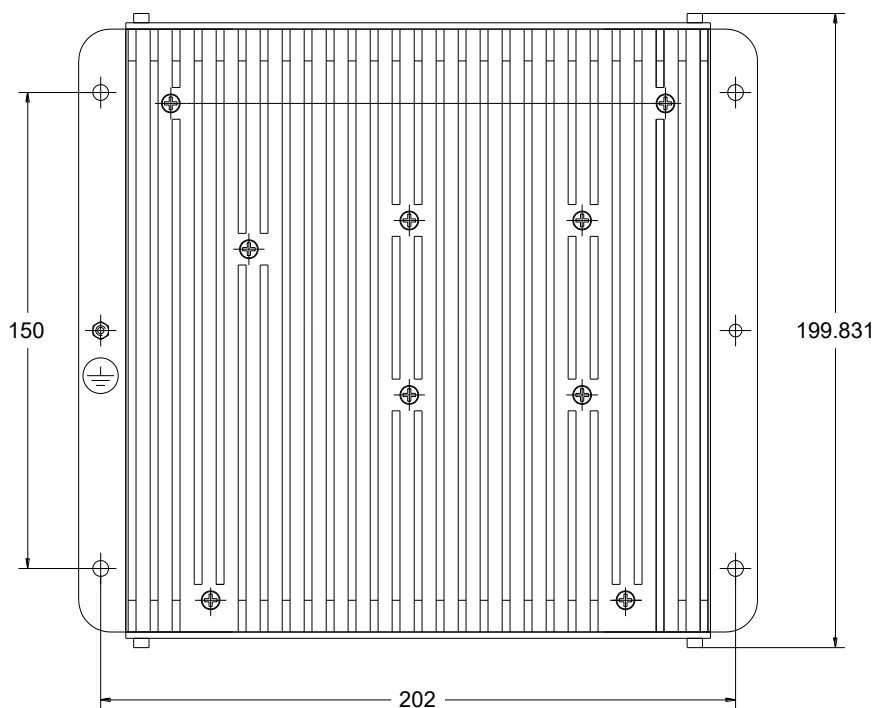
Certifications

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

Layout and dimension

Height	117,0 mm
Width	216,0 mm
Depth	200,0 mm





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Reference documents

Full technical data sheet: IPC04_EN, IPC05_EN.

This product has a comparison performance evaluation in TABRD001_validationLists document (refer to OPMMIPC005, OPMMIPC007 performance).