

	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/
--	--	--

UNCNCLC001

Central Unit

Reduced Data sheet

Version: 1

Date: 16.02.2026

Overview



	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/
--	--	--

UNCNCLC001 is compact central units for applications needed small form factors and need to run HMI and third parts CAD-CAM on board.

	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/
--	--	--

Part Number

Code

Code	Description
UNCNCLC001	Costantino LC CNC central unit with Windows environment to host CAD-CAM

Product status

Item	Value
Status	In production: suitable for new applications
In production from:	Jan 2023
In production until:	Jan 2028

	VIA MAESTRI DEL LAVORO,30 (ZONA INDUSTRIALE) 56021 CASCINA (PI) ITALY	 +39 050 711131  +39 050 711472  isacsrl@isacsrl.it  http://www.isacsrl.it/
	CAPITALE SOCIALE 100.000,00 €	
	C.F. E P.I. 01252870504	

Technical data summary

Operative system	
Version	Microsoft Windows® 11 IoT Enterprise LTSC 2024H2
Processor system	
CPU	Intel Core i5-10210U
Core Number	4
Max Speed	1.6 GHz
Chipset	Intel Comet Lake-U PCH-LP Premium
BIOS	UEFI
Memory	
Technology	Single Channel DDR4 1333 MHz
Dimension	8 GB
Graphics	
Controller	Intel® UHD Graphics (Comet Lake-U GT2) (Support Directx11, OGL 3.2)
EtherCAT	
Controller	GbE LAN Realtek RTL8111H
Ethernet	
Controller	GbE LAN Realtek RTL8111H
Interface	10/100/1000
Storage	
Size	128GB
Technology	SSD NVMe PCIe

	VIA MAESTRI DEL LAVORO,30 (ZONA INDUSTRIALE) 56021 CASCINA (PI) ITALY	 +39 050 711131  +39 050 711472  isacsrl@isacsrl.it  http://www.isacsrl.it/
	CAPITALE SOCIALE 100.000,00 €	
	C.F. E P.I. 01252870504	

Interface	PCIe Gen 3*4
Max Data Transfer Rate	4.0 Gbit/s
Connector	
USB	#2 x (USB 2.0), #2 x (USB 3.0) Front IO Port #2 x (USB 2.0), #2 x (USB 3.0) Rear IO Port
LAN	#1 x RJ45
EtherCAT	#1 x RJ45
COM RS232	#2 x D-Sub Male 9 Poles
HDMI	#2 x A-Type Female
PWR	#1 x 12V DC_In
Power Requirements	
Input Power	12V DC with dedicated AC/DC power adapter 220VAC input (included)
Max Power Consumption	25W
Power On	AT (Directly Power on as power input ready)
Environment	
Operating Temperature	0 ~ 45 °C
Storage Temperature	-20 ~ 70 °C
Humidity	Up to 90% without condensation
Overall Dimension	131 x 200 x 98 mm (HxWxD)
Weight	1.6 Kg
Mounting	Standard 35mm DIN rail

	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/
--	--	--

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
UL	Compliant with UL 61010-1, UL 61010-2-210 SAFETY SU-CA: E543724
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
Origin	Italy
CRA	Yes (pending)



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

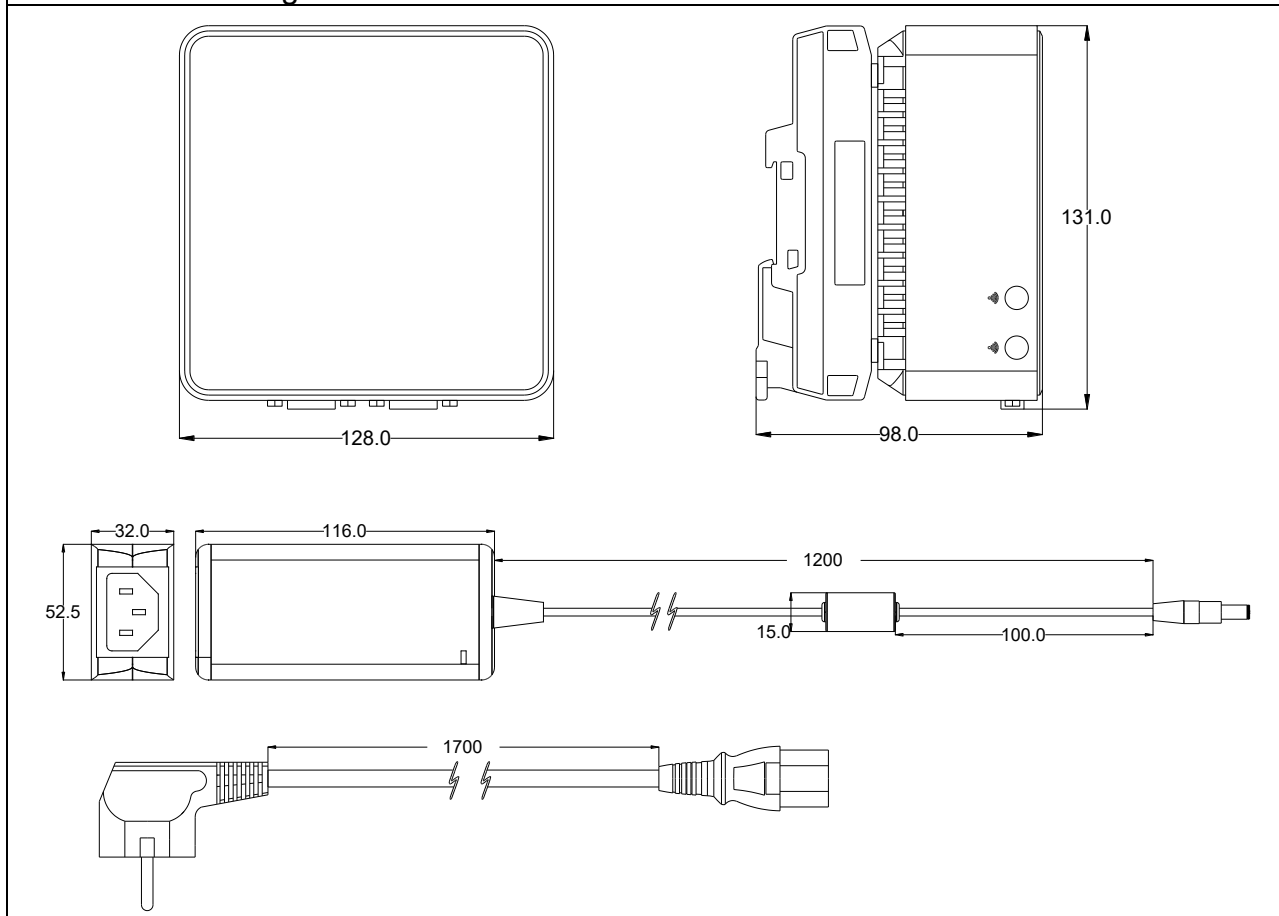
 isacsrl@isacsrl.it

 <http://www.isacsrl.it/>

Layout and dimension

Height	131mm
Width	128mm
Depth	98mm

Mechanical drawing





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/>

	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/
--	--	--

Reference documents

Full technical data sheet: UNCNCLC001_EN