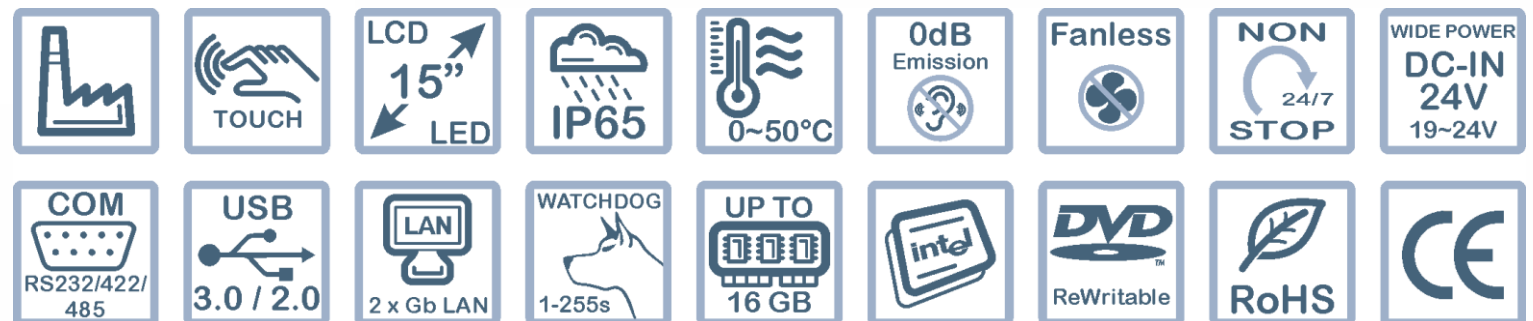


iCOMAC85F

Industrial fanless panel pc



- ✓ Special chassis for industrial environments
- ✓ Fanless cooling system & zero sound emission
- ✓ Customized panel mount or VESA mount
- ✓ 15" lcd touchscreen with LED backlight
- ✓ Guaranteed for continuous operation H24, 7 days 7
- ✓ High I/O availability: RS232/422/485, Gb LAN, USB 2.0/3.0...
- ✓ High processing capacity by Intel® Core™ local processors
- ✓ Wide range DC 19-24V power supply





System	Supported Processor	Intel® Core™ i7-4650U (2Core, 4Thread, 4MB , up to 3.3 GHz) Intel® Core™ i5-4300U (2Core, 4Thread, 3MB , up to 2.9 GHz) Intel® Core™ i3-4010U (2Core, 4Thread, 3MB , 1.7 GHz) Intel® Celeron® 2980U (2Core, 2Thread, 2MB , 1.6 GHz)	
	Internal Expansion slot	1 x Mini PCIe (full size supports USB, PCIe, mSATA) 1 x Mini PCIe (half size supports USB, PCIe) 1 x PCIe x1 (full height – half length)	
Memory	Max	16GB	
	Type	DDR3L 1600/1333MHz DRAM device tech.: 1Gb, 2Gb and 4Gb DDR3L DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC	
	Slot	2 (dual channel)	
I/O interface back	Serial	1 x RS232/422/485 (RS232 and/or power) (optional)	
	USB	4 x USB 3.0/2.0/1.1 3 x USB 2.0/1.1	
	LAN	2 x RJ45	
	Video	1 x HDMI 1 x DP	
	Audio	2 x Jack 3.5mm (Line-Out / Mic-In)	
	Digital I/O	12P Phoenix connector : 8 x Digital I/O pin 2 x Power supply pin (DC 12V max 1.1A / GND) 2 x Custom key enable/disable pin	
	Power Supply Button	1 x DC-IN (Phoenix 3P) 1 x Power switch with power led	
	I/O interface Front	Led	1 x Power led 1 x HDD/SSD led
		USB	1 x USB 2.0/1.1
		Custom key	3 x customizable keys (keyboard emulation)
Storage	Storage bay HDD/SSD	1 x HDD/SSD SATA 2.5" removable 1 x mSATA SSD	
	Controller	SATA 2 3.0Gb/s	
	Graphics Subsystem	Integrated Graphics adapter	Intel® HD Graphics GT series Supports DirectX 11.1, OpenGL 4.0, OpenCL 1.2 HDMI: resolution up to 4096x2304 @ 24Hz or 2560x1600 @ 60Hz DP: supports DP++, resolution up to 3200x2000 @ 60Hz
Display		Panel type:	TFT-LCD
		Diagonal :	15.0"
		Backlight :	LED
		Color :	max 16.7M
		Pixel :	0.297x0.297mm
		Aspect ratio :	4:3
		Pixel OxV :	1024 x 768
		Brightness :	400 cd/m ²
Contrast ratio :		700:1	
Response time :	5ms		
Viewing angle OxV :	160°/140°		
Touchscreen		5 wire resistive touchscreen	

Audio Subsystem	Integrated audio card	High Definition Audio (Codec Realtek ALC888)
Management	Watchdog timer	Software programmable from 1 to 255s
	Wake On Event	WOL (Wake On Lan) Wake by RTC (Real Time Clock) AC power failure recovery
Network Subsystem	Integrated network apapter	Intel® I210 PCI Express Gigabit Ethernet controller Intel® I218 with iAMT9.5 Gigabit Ethernet Phy Integrated 10/100/1000 transceiver Fully compliant with IEEE 802.3, 802.3u, 802.3ab
Power supply	Input voltage	19-24V DC
	Optionale AC adapter	AC Input: 100-240V, 1.5A, 50-60Hz DC Output:24V 2.5A
	Power consumption	Approximately 45W @ 75% stress
Mechanical characteristics	Mount	Panel with custom holes 438.4 x 289 mm Max panel thickness 6.7mm
	W x H x D	474.4 x 325 x 85 mm
	Weight	5 Kg middleweight
Environment	Operating temperature	0°C ~ +50°C with SSD +5°C ~ +45°C with HDD
	Non operating temp.	-10°C ~ +65°C
	Relative humidity	20% ~ 90% non-condensing
	IP rating	Frontal IP65
Software	Supported operating system	Windows 7 32bit & 64bit
Certifications	Marking	CE, RoHS
	Directive	Manufactured in compliance with the European 2004/108/EC e 2006/95/EC
Company	Reference standard	UNI EN ISO 9001
Product code	CNPPANEL015-16-01	PC Panel LCD 15", Core i5-4300U, 19-24V, 2*Gb LAN, TouchScreen, Fanless
	on request	With Core™ i7-4650U (2Core, 4Thread, 4MB , up to 3.3 GHz)
	on request	With Core™ i3-4010U (2Core, 4Thread, 3MB , 1.7 GHz)
	on request	With Celeron® 2980U (2Core, 2Thread, 2MB , 1.6 GHz)



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azienda con sistema di gestione per la qualità certificato

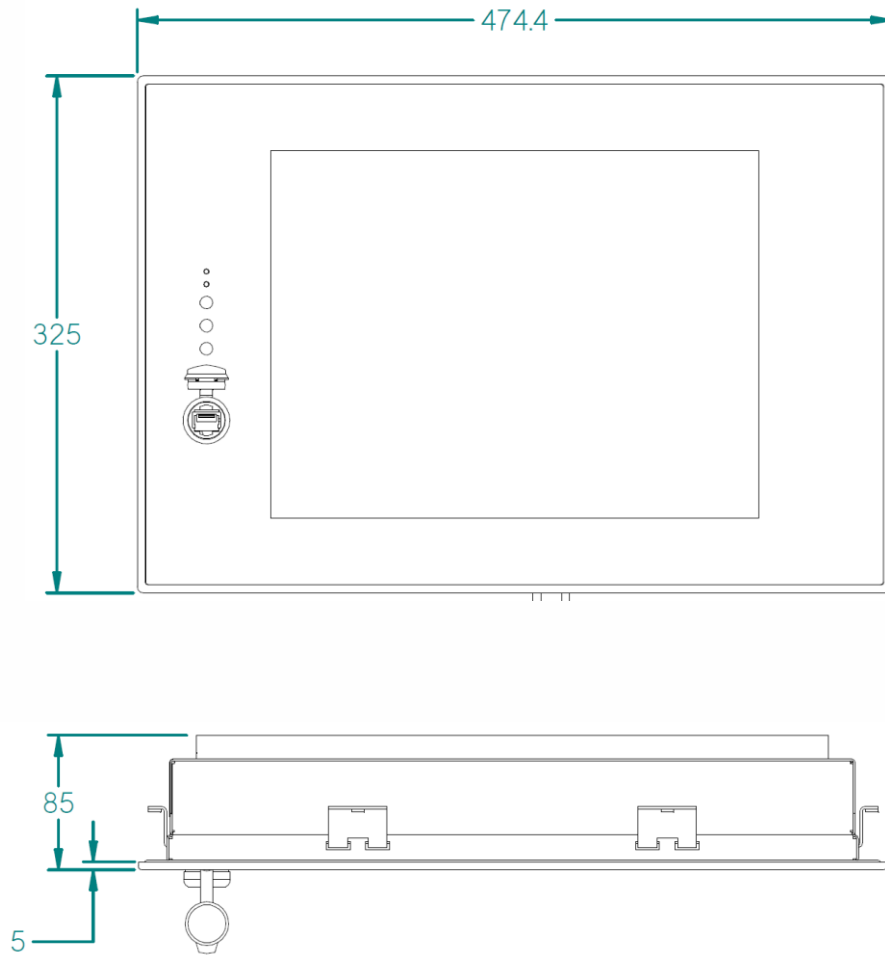
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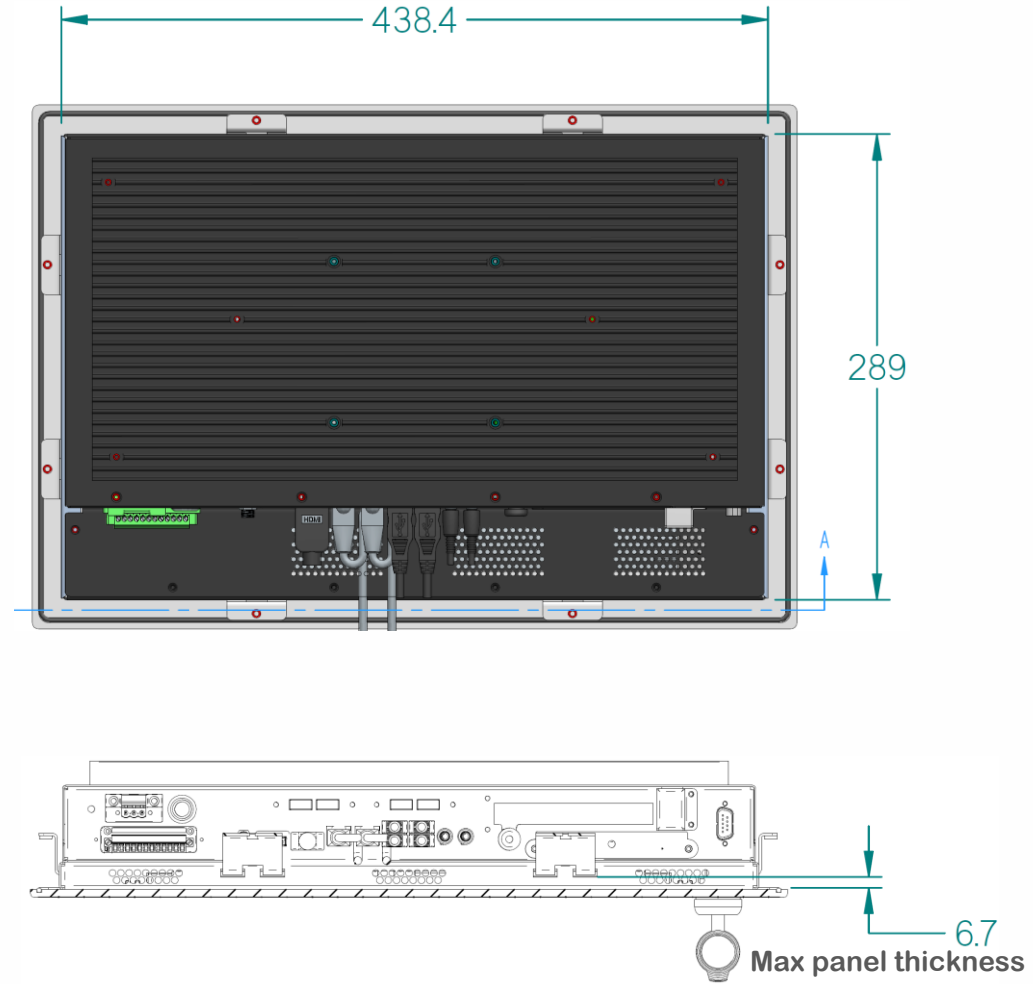
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Updated 23/06/2016



Mechanical specifications



Panel mount specifications



All dimensions are expressed in millimeters (mm)