

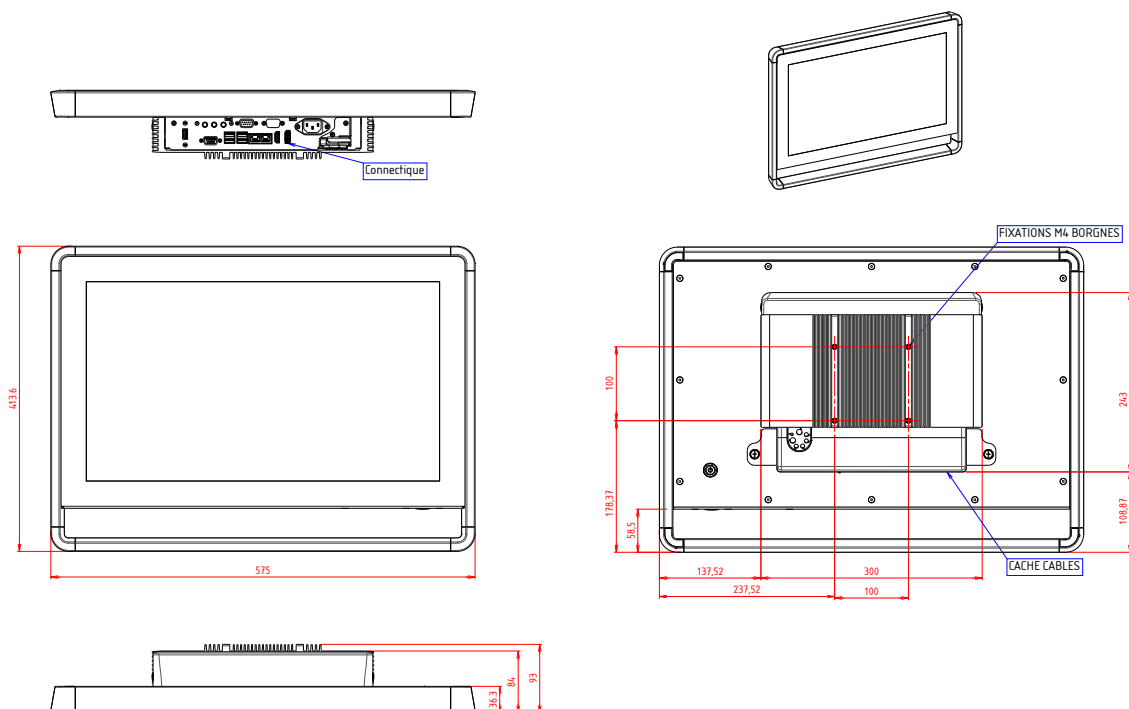


- ▶ Industrial "All-In-One" - Standalone Panel PC
- ▶ Fanless solution
- ▶ True-flat font panel - Multitouch PCAP touch screen
- ▶ Protection IP65 & Impact resistant IK08 on front
- ▶ LED display 21.5" Wide 16:9 - Resolution Full HD 1920x1080
- ▶ Available in different versions of Intel® processor
- ▶ Cable cover with retaining joint
- ▶ Internal power supply **AC** or **DC** type
- ▶ Standard warranty 5 years parts and labor back workshop

Key points

- ▶ **Standalone** Panel PC
- ▶ **Option box** in the handle
- ▶ **IP65 & IK08** on front panel
- ▶ **Internal** power supply

Mechanical dimension














Ordering Information










FUTURA21WQPA-CV-*** Industrial rugged Fanless True-flat Panel PC - Standalone with handle - IP65 & IK08 front panel - 21.5" Full HD - Intel® Pentium® QC N4200 - PCAP touch screen - Choose power supply

FUTURA21WCIC-CV-*** Industrial rugged Fanless True-flat Panel PC - Standalone with handle - IP65 & IK08 front panel - 21.5" Full HD - Intel® Core™ i5-1145G7E - PCAP touch screen - Choose power supply

**** : Choose your internal power supply type : AC 230VAC or DC 9-36VDC**

		System	
Product name	FUTURA-21WQP	Product name	FUTURA-21WCIC
CPU Intel®	Pentium® N4200 Quad Core (1.1/2.5GHz) – TPM (2.0)	CPU Intel®	Core™ i5-1145G7E (1.5GHz/4.1GHz) – TPM (2.0)
Memory	2 x DDR3L-1866 SO-DIMM (max. 8 Gb)	Memory	2 x DDR4-3200 SO-DIMM (max. 64Go)
HDD / SSD	1 x 2”1/2 SATA + 1 x mSATA + 1 x M.2 (B-key)	HDD / SSD	1 x 2”1/2 SATA + 3 x M.2 sockets (B-Key/E-Key/M-Key)
Operating system	Win 10 IoT Enterprise – Win 10 PRO – Win 11 PRO	Operating system	Win 10 IoT Enterprise – Win 10 PRO – Win 11 PRO
	Linux on demand		Linux on demand
I/O Ports	4 x USB 3.0 – 1 x USB 2.0	I/O Ports	3 x USB 3.1 – 2 x USB 2.0
	2 x RS232		2 x RS232
	2 x Gigabit Ethernet (RJ45)		2 x Gigabit Ethernet (RJ45)
	1 x Display port – 1 x HDMI – 1 x Bloc audio		2 x Display port – 1 x Bloc audio
			
Chassis	Treated aluminum case – 2mm thick	Size/Type	21.5” Wide – LED
Frame	Anodized aluminum profile – 1.5mm thick	Display area	476 x 268 mm
Coin	Polycarbonate – black standard – customizable	Resolution max.	1920 x 1080 Full HD
Front panel	Trueflat + Front touch panel – 3.9mm thick	LCD Color	16.7 millions
Color	RAL9005 black textured paint rear chassis	Pixel Pitch	0.248 mm
Mounting	VESA 100 integrated into the heatsink	Brightness	300 cd/m²
I/O cover	With passage joint – cable retention	Contrast Ratio	5000:1
Speaker	1 x 3W	Viewing Angle max.	Horizontal : 178° – Vertical : 178°
			
IP level	IP65 compliant front panel	Technology	10-point Projected capacitive touch window
Shock	Impact resistance IK08	Resistance	6H
			
Rear panel	On/Off switch button with LED backlight	Version AC~	Input: 115/230VAC – Frequency: 50/60Hz
	Brightness adjustment by software application (for Windows)	Version DC	Wide range: 9-36VDC Reverse polarity protection – Galvanic isolation
		Power Consumption max	Version QP: 90W – Version CI: 95W
			
Operating Temperature	0° ~ + 45°C (QPA) – 0° ~ + 40°C (CIC)	Safety	EN 62368-1
Storage Temperature	- 20 + 60°C	EMC	EN 55032 / EN 55024
Relative Humidity	5 95 %		EN 61000-3-2 / EN 61000-3-3
			
Type	Fanless	Dimensions ((WxLxD)	575 x 413.6 x 93 mm
	Natural convection cooling	Weight (Net) – kg	8.5

Options & Accessories

	ZFUT-PT	VESA table stand		ZFUT-SUP-CLAV	Keybaord Support
	ZFUT-BT	Arm mouting table solution		FUT-SUP-DOUCH	Bar code reader support
	ZFUT-BM	Arm mouting wall solution		ZFUT-ARGOS	Adjustable desk support
	PIED-TUBE-L1400	Floor Tube Foot Support – Square format – Height: 1400mm		ZFUT-WIFI-2-A	Solution Wifi + Bluetooth
				FUT-WIFI-BT-CIC	Solution Wifi6 +Bluetooth Version CI
	Option box: in the frame under the machine Output on front or rear face – different sizes allowing custom integration: RFID reader, Emergency stop, Function keys, USB, RS-232, Lan, ...				

Packing list

1 x Power cord CE22 1.80 m (AC~ version)

1 x Software Licence (label format)

1 x Production&Traceability datasheet