

32"/80,01cm FlatMan® Industrial Multitouch AE-Panel Mount PC



Industrial & multimedia Multitouch- PanelPC in a modular design for control room operation -

The FlatMan® TFT Panel - PC's are for reliable usage at production areas or factory hall at robust metal housing.
Developed-designed-manufactured „Made-at-Europe“.

Maintenance free - at permanent use on 24 hours at 365 days

Performance tailored to applications demand: by the modular (patented) mechanical concept - is it possible to choose the right panel + CPU board + mass memory + I/O interfaces + power concept + protection class.

High CPU performance regardless fanless operation.

Protection class of the unit is IP69 . Different protection on request. Choose the right connectors depending on the application. Choose the right front protection out of glass or touch screen. Antireflective coated surface or non glare touch solutions.

Customized version: Adapted on request on existing mounting solution or non standard functions - colors - push buttons - settings

Optional prepared for operation at extended temperature range

Technical features 32" / 80,01cm FlatMan® Monitor:

- optional functions: RFID/ Barcode/ USV/ Wifi/ Push buttons/ isolated digital I/O
- Protection class IP67 at front side
- No noise due to fan less operation
- Small design - less space - Long time available design.
- TFT Display available with brightness up to 1.200cd/m².
- Optional resistive or SAW Touchscreen
- integrated embedded PC from Intel® Celeron™ J3455 up to Intel® Core™ i7-8665UE 8MB Cache an up to 4.40GHz.
- Bezel Color RAL7021 or different RAL color on request
- VESA 100 x 100 Wall mount
- 24/7 24h at 365 days -permanent use specification
-  Made in Europe - The components used, have been integrated hundreds of times in comparable devices



FlatMan AE320 with color bezel front with PCAP Multi-Touch-Glass-Front



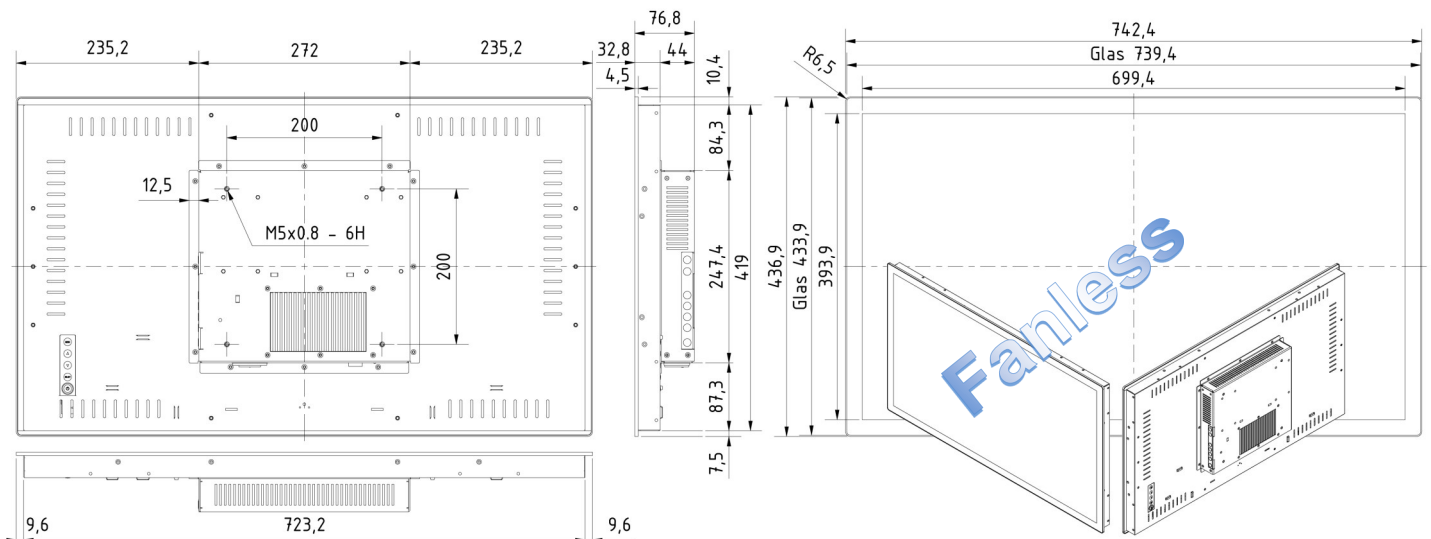
Back side with electronic cover

Fanless



Signal connectors
Power 90~ 264VAC / 47 ~ 64Hz
2x LAN GbE
4x USB 3.1
2x HDMI 1.4 max. 3840 x 216Pixel
1x COM RS232/422/ 485
1x COM optional

32"/80,01cm FlatMan[®] Industrial Multitouch AE-Panel Mount PC



32"/80,01cm Display

Brightness	450cd/m ² with Touch glass	
Contrast	3.000:1	
Resolution	SXGA 1920 x 1080 Pixel Format 16:9	
Color	16.7 Millions	
Backlight Life Time	50.000h LED to ½ brightness	
Viewing angle H / V	178° / 178°	
CPU	Intel® Celeron™ J3455	Intel® Core™ i5-8365UE
Chipset	Intel® HD Graphics	Intel® UHD Graphics 620
CPU	2M Cache bis 2.42GHz-4Core	6MB Cache bis 4,1GHz 4Core
System Memory	4GB DDR3L 1866max. 8GB	8GB DDR4 2400 max. 64GB
Ethernet	2x Gigabit Ethernet	2x10/100/1000 Base-Tx Intel® I210AT & Intel® I219LM
Serial Interface	1x COM (RS232/422/485)	1x COM RS232
USB	4x 3.1 / 1x 2.0 intern	4x 3.1 / 2x 2.0 intern
Digital I/O	4Bit Input + 4Bit Output	8Bit GPIO
Video Output	2x HDMI 1.4 external Monitor	2x HDMI 1.4 4096x2160@60Hz
Audio	(optional) Realtek ALC892	Realtek ALC888S 5.1-CH
SSD	64GB optional up to 128/256/512GB / 1T	
Extension	1x miniPCIe	1 x M.2 (Key-B, 2242)
Internal BUS	1x SPI / 1x SMBus	
Watchdog Timer	. programmable 1~ 65535Sek.	
Wifi	Optional 802.11a/b/g/n/ac (2.4GHz or 5GHz), Bluetooth 4.0 (LE, EDR, HS, DualMode)	
Touchscreen	PCAP Full glass seamless bezel	
Mounting	VESA 200 x 200 / optional mounting brackets	
Specialty	Attractive Price / high quality Multitouch-Panel-PC	

Environment

Frontside IP67 / Back side IP20
Operating Temperatur 0C° to 45°C
Storage Temperatur -25°C to 60°C
Humidity max. 90% at 35°C not condensing
CE, / RoHS Compliant
Power Input 90 ~ 264VAC / 47~64Hz 52W without USB load
Weight ca. 13kg



Order number 32" Panel mount Panel PC

Type: YE320SBI1DIADPU - Panel PC PCAP Full-glass-Multitouch Intel Celeron J3455 CPU 4GB SODIMM und 64GB SSD Power supply 90~ 264VAC/ 47 ~ 64Hz integrated

Type: YE320SBI1DI3IPU - Panel PC PCAP Full-glass-Multitouch Intel® Core™ i5-8365UE 4Core CPU (6MB Cache and up to 4.1GHz) 8GB SODIMM und 128GB SSD 10VDC ~ 32VDC integrated



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