TOUCAN Tigerlake i5 PPC series
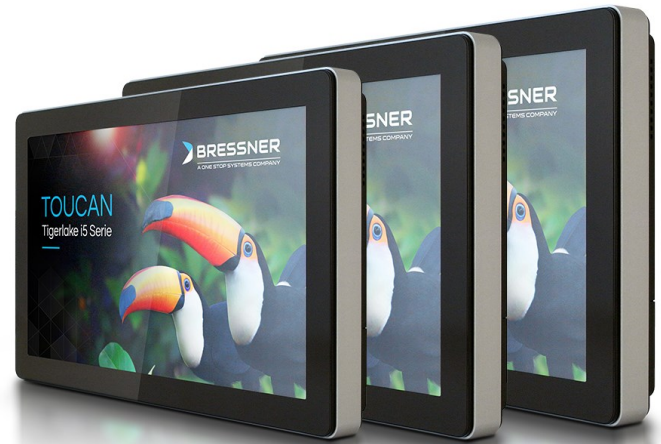
Ø 15.6″ - 21.5″

BRESSNER UK

Fanless Panel PCs with Intel ® Tiger Lake i5-1145G7E processors

Features

- Fanless industrial Panel PC systems
- Intel® Tiger Lake i5-1145G7E
- Resolution: 1366 x 768 up to 1920 x 1080
- PCAP multi-touch screen
- IP65 dust & waterproof display front
- M.2 (E Key), RJ-45, COM, MiniDP and USB 3.0

User-friendly HMI Panel PCs with 15.6″, 18.5″ as well as 21.5″

Whether it's for POS, health care applications or within industrial facilites - the demands on the performance and user friendliness of human-machine interfaces are increasing almost every day. With the Panel PCs of the TOUCAN series, BRESSNER Technology offers powerful technology with an aesthetic design which meets all expectations in terms of functionality, speed, ergonomics and safety.

Maximum performance for demanding applications

The easily integrable multi-touch panel PCs of the Skylake series were specifically designed for OEMs as well as machine and device manufacturers and offer sufficient performance for all common industrial applications. Thanks to their versatility, they are also suitable for a variety of other applications, from the automotive and health care sector to use in cash register terminals and internet kiosks to transport and logistics management.

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Motherboard	F84U
System	
CPU	Intel ® Tiger Lake i5-1145G7E
Graphics	Intel® HD Graphics
Memory	8GB DDR4 SO-DIMM max. 16GB
Storage Capacity	128GB SSD (M.2)
TPM	TPM 2.0 (optional)
Operating Systems	Windows 10 IoT Enterprise Linux
Display	
Display Type	LCD (15.6″, 18.5″ or 21.5″)
Touchscreen	True-flat PCAP multi-touch
Resolution	15.6″ (1366x768) / 18.5″ (1366x768) / 21.5″ (1920x1080)
Brightness	15.6″ (220cd/m^2) / 18.5″ (220cd/m^2) / 21.5″ (220cd/m^2)
Equipment	
Serial Ports	2x DB-9 (powered RS-232) / default: 0V; COM1/COM2: 0V, 5V, 12V
USB	2x USB 3.0 (Type A), 2x USB 3.0 (Type C) 2x USB 2.0 (Type A)
Ethernet	1x RJ-45
Video	1x MiniDP
Camera	2MP front webcam
Audio	2x Speaker 2W 1x Line-out (optional)
Expansion Slots	1x M.2 (E Key)
Other options	WLAN b/g/n, Bluetooth 4.0, 3-Track MSR, Smart IC Card Reader, RFID, 2D Scanner, Mic-in
Mechanics	
Power Supply	15.6″, 18.5″ (65W / 19V) / 21.5″ (90W / 19.5V) Wide range power input: 12V-48V
Power Adapter	External DC adapter, 65W, 19V, 6.3A
Dimensions	15.6″ (396x48x245mm) / 18.5″ (464x48x284mm) / 21.5″ (536x48x328mm)
Weight	15.6″ (4.5kg) / 18.5″ (6.8kg) / 21.5″ (8kg)
Mounting	VESA mount 75x75 mm
Environmental	
Fan	Fanless
Operating Temp.	±0° ~ 35° C
Storage Temp.	-20° ~ 60° C
Humidity	20% ~ 85% non-condensing
IP Protection	IP65 front
Certification	CE Mark, FCC Class A, LVD