

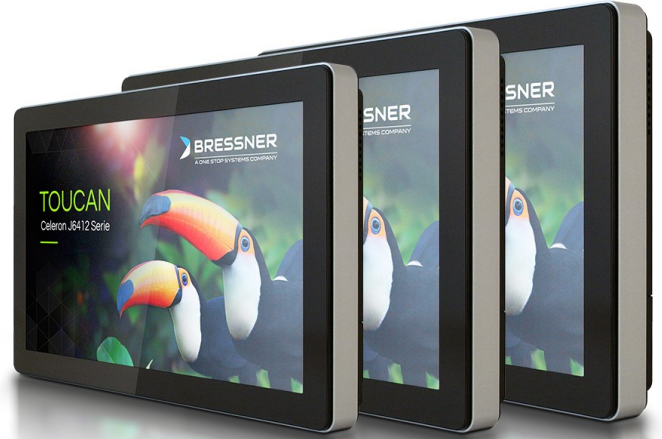
# TOUCAN Celeron J6412 PPC series

Ø 10.1" - 21.5"

Fanless Panel PCs with Intel® Elkhart Lake Celeron® J6412 processors

## Features

- Fanless industrial Panel PC systems
- Intel® Elkhart Lake Celeron® J6412
- Resolution: 1366 x 768 up to 1920 x 1200
- 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 10.1", 15.6", 18.5" as well as 21.5"

Whether it's for POS, health care applications or within industrial facilities - 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.



# TOUCAN

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 Ø 10.1" - 21.5"

## Fanless Panel PCs with Intel® Elkhart Lake Celeron® J6412 processors

| Motherboard          | F36   | F34   |
|----------------------|---|---|
| <b>System</b>        |   |   |
| CPU                  | Intel® Elkhart Lake Celeron® J6412                              |   |
| Graphics             | Intel® HD Graphics  |   |
| Memory               | 4GB DDR3L 1333<br>SO-DIMM max. 8GB                              | 8GB DDR4<br>SO-DIMM max. 16GB   |
| Storage Capacity     | 128GB SSD (M.2)   |   |
| TPM                  | TPM 2.0 (optional)  |   |
| Operating Systems    | Windows 10 IoT Enterprise<br>Linux                              |   |
| <b>Display</b>       |   |   |
| Display Type         | LCD (10.1")   | LCD (15.6", 18.5" or 21.5")   |
| Touchscreen          | True-flat PCAP multi-touch                                      |   |
| Resolution           | 10.1" (1920x1200)   | 15.6" (1366x768) / 18.5" (1366x768) / 21.5" (1920x1080)                                       |
| Brightness           | 10.1" (380cd/m <sup>2</sup> )                                   | 15.6" (220cd/m <sup>2</sup> ) / 18.5" (220cd/m <sup>2</sup> ) / 21.5" (220cd/m <sup>2</sup> ) |
| <b>Equipment</b>     |   |   |
| Serial Ports         | 3x RJ-48 (powered RS-232) / default: 0V; supports 5V, 12V       | 2x DB-9 (powered RS-232) / default: 0V; COM1/COM2: 0V, 5V, 12V                                |
| USB                  | 2x USB 3.0 (Type A), 1x USB 3.0 (Type C)<br>4x USB 2.0 (Type A) | 2x USB 3.0 (Type A), 1x USB 3.0 (Type C)<br>2x USB 2.0 (Type A), 1x USB 2.0 (Type C)          |
| Ethernet             | 1x RJ-45  |   |
| Video                | 1x MiniDP   |   |
| Camera               | 2MP front webcam  |   |
| Audio                | 2x Speaker 2W   | 2x Speaker 2W<br>1x Line-out (optional)   |
| Expansion Slots      | 1x M.2 (E Key)  |   |
| Other options        | WLAN b/g/n, Bluetooth 4.0, 3-Track MSR                          | WLAN b/g/n, Bluetooth 4.0, 3-Track MSR, Smart IC Card Reader, RFID, 2D Scanner, Mic-in        |
| <b>Mechanics</b>     |   |   |
| Power Supply         | 10.1" (65W / 19V)   | 15.6" / 18.5" / 21.5" (90W / 19.5V)   |
| Power Adapter        | External DC adapter, 65W, 19V, 6.3A                             |   |
| Dimensions           | 10.1" (262x38x170mm)  | 15.6" (396x48x245mm) / 18.5" (464x48x284mm) / 21.5" (536x48x328mm)                            |
| Weight               | 10.1" (1.5kg)   | 15.6" (4.5kg) / 18.5" (6.8kg) / 21.5" (8kg)   |
| Mounting             | VESA mount 75x75 mm   |   |
| <b>Environmental</b> |   |   |
| 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                                       |   |