

# 15" 17" 19" Celeron® J6412

Front IP66/67 Silver Aluminum Touch IPC

## Features

Fanless and rugged design

Intel® Elkhart Lake SoC Processors J6412

5 Wires Resistive / True Flat PCT

2 x USB, 2 x RS232, 2 x GLAN, 1 x HDMI

VESA mount & Panel mount & Clip mount

DC in 9V~36V



## Specifications

| Display for 3:4 Ratio                                                                    |                                                                                                                                                       |              |             |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| Size                                                                                     | 15" TFT                                                                                                                                               | 17" TFT      | 19" TFT     |
| Resolution                                                                               | 1024 x 768                                                                                                                                            | 1280 x 1024  | 1280 x 1024 |
| Colors                                                                                   | 16.7M                                                                                                                                                 | 16.7M        | 16.7M       |
| Luminance                                                                                | 300 cd/m2                                                                                                                                             | 350 cd/m2    | 250 cd/m2   |
| Contrast Ratio                                                                           | 2500:1                                                                                                                                                | 1000:1       | 1000 : 1    |
| View Angle                                                                               | 176°/176°                                                                                                                                             | 170°/160°    | 170°/160°   |
| Model NO.                                                                                | TP150R112S                                                                                                                                            | TP170R112S   | TP190R112S  |
| SYSTEM                                                                                   |                                                                                                                                                       |              |             |
| CPU                                                                                      | Intel® Elkhart Lake SoC Processors J6412                                                                                                              |              |             |
| Memory                                                                                   | 2 x 260-pin DDR4 3200MHz SODIMM up to 32 GB (16GB per DIMM)                                                                                           |              |             |
| Storage                                                                                  | 1 x SATA 3.0 /1 x M.2 ( Key M, 3042 / 3060 / 2280 ) with PCIe x1 for SSD                                                                              |              |             |
| OS Support                                                                               | Windows 10 Pro / Windows 10 IoT<br>Windows 11 Pro / Windows 11 IoT                                                                                    |              |             |
| I/O Ports      * The I/O interface shown may vary depending on the selected motherboard. |                                                                                                                                                       |              |             |
| RS232/422/485                                                                            | 2                                                                                                                                                     | USB 2.0      | 1           |
| HDMI                                                                                     | 1                                                                                                                                                     | USB 3.2 Gen2 | 1           |
| GLAN                                                                                     | 2                                                                                                                                                     | VGA          | 1           |
| Expansion Slot                                                                           |                                                                                                                                                       |              |             |
| M.2                                                                                      | 1 x M.2 (Key E, 2230) with PCIe x1 and USB 2.0 for WiFi optional<br>1 x M.2 (Key B, 3042/3052) with PCIe x1 / USB 3.2 and USB 2.0 and SIM for 4G / 5G |              |             |
| MECHANICAL & ENVIRONMENTAL                                                               |                                                                                                                                                       |              |             |
| Operation                                                                                | 0 ~ 45°C                                                                                                                                              |              |             |
| Storage                                                                                  | 10 ~ 90%, non-condensing                                                                                                                              |              |             |
| Form Factor                                                                              |                                                                                                                                                       |              |             |
| Touch Screen                                                                             | 15" / 17" / 19" : PCT / 5W(Single touch)<br>15" / 15.6" / 17" / 19" / 21.5" / 24" : Projected Capacitive Multi-Touch Panel                            |              |             |
| Mounting                                                                                 | VESA mount (100x100mm) & Panel mount & Clip mount                                                                                                     |              |             |
| Power Supply                                                                             | 3 Pin power terminal block for DC in 9V~36V                                                                                                           |              |             |

