



1339.00 EUR  
incl. 19% VAT, plus [shipping](#)

- 1920x1080 Touchscreen !
- Fanless ! IP65 Front !
- Intel 7th Gen CPU !
- 2x LAN, 4x COM !

P156-11KS is a 15.6 inch all in one panel pc system with Intel Apollo Lake Celeron based platform for power-efficiency and fanless condition. For different industrial touch application, it is also flexible to support either resistive touch or capacitive touch solution followed by IP65 protection rating in front.

All of these are aiming to provide the most stable and reliable product solution for different environmental or industrial HMI applications.

- 15.6" TFT LCD with 50,000 hrs backlight lifetime
- Inside Intel® 7th Gen Core i Processor

LCD  
Display Type

15" TFT-LCD

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|                                |   |
|--------------------------------|---|
| Max. Resolution                | 1920 x 1080   |
| Max. Colors                    | 16.2M (8 bit/color)   |
| Luminance                      | 450 cd/m <sup>2</sup>   |
| Viewing Angle                  | 170°(H), 170°( V)   |
| LED Backlight lifetime (Hours) | 50,000  |
| <b>TOUCH SCREEN</b>            |   |
| Type                           | P-CAP / resistive   |
| Touch Screen                   | True-flat 10 points / single point  |
| <b>SYSTEM</b>                  |   |
| Processor                      | 7th Gen Intel Kaby Lake i3-7100U  |
| Chipset                        | Intel® SoC integrated   |
| System Memory                  | DDR4 2133MHz / 2 x 260-pin SO-DIMM / Max. 32GB (Non-ECC)  |
| Ethernet                       | Intel® I219-LM Giga LAN + Intel® I211-AT Giga LAN   |
|                                | 1 x 3-pin Phoenix type terminal block DC input  |
|                                | 2 x RJ45  |
|                                | 1 x Audio Jack (combo Line-out + Mic-in)  |
|                                | 1 x 8bit GPIO terminal block  |
| I/O Port                       | 4 x RS232   |
|                                | 1 x DisplayPort 1.2   |
|                                | 1 x 2-pin remote power on/off   |
|                                | 4 x USB 3.0   |
|                                | 1 x HDMI 1.4  |
| Watchdog Timer                 | 1~255 steps by software program   |
| Storage Disk Drive             | SATA 2.5" HDD/SSD bay x 1   |
| Expansion Slot                 | Wireless: M.2 2230 E key (PCIe, USB)  |
| Stereo Speaker                 | 2 x 2W  |
| OS Support                     | Windows 10 64bit  |
| <b>POWER REQUIREMENT</b>       |   |
| Power Input                    | DC 8~24V  |
| Power Adapter                  | AC to DC / DC19V / 3.4A / 65W adapter   |
| <b>MECHANICAL</b>              |   |
| Mounting                       | VESA 75/100mm / Panel Mount   |
| Dimension                      | 393.5 x 247.1 x 83 mm   |
| Weight                         | 5.0kg   |
| <b>ENVIRONMENTAL</b>           |   |
| Operating Temperature          | -20~55°C (-4 ~ 131°F)   |
| Storage Temperature            | -20 ~ 70°C (-4 ~158°F)  |
| Storage Humidity               | 10% ~ 95% @40°C non-condensing  |
| Vibration Resistance           | Operating Random vibration Test 5-500Hz, 0.3 Grms@with HDD / 2Grms @with SSD, follow IEC 60068-2-64 |
| Shock Resistance               | Operating 10 G peak acceleration (11 ms duration) / follow IEC 60068-2-27                           |
| EMC                            | CE / FCC Class B  |
| Front Panel Protection         | IP65 Compliant  |