



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

- 1280x800 Multi-Touchscreen !
- Fanless ! IP65 Front !
- Intel Apollo Lake !
- 2x LAN, 2x COM !

P100-10AS is a 10.1 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.

LCD	
Display Type	10.1" TFT-LCD
Max. Resolution	1280 x 800
Max. Colors	16.7M (8 bit/color)
Luminance	400 cd/m2
Viewing Angle	170°(H), 170°(V)
LED Backlight (Hours)	30,000
TOUCH SCREEN	
Type	P-CAP / resistive
Touch Screen	True-flat 10 points / single point
SYSTEM (Mitac PD10AS 3.5-SBC Mainboard)	
Processor	Intel® Apollo Lake N4200 Processor Option: N3350
Chipset	Intel® SoC integrated
System Memory	DDR3L 1866, 204-pin SO-DIMM x 1, Max. 8 GB (Non-ECC)
Ethernet	Intel® I210 Giga LAN + I210 Giga LAN

I/O Port	DC in terminal block x 1 USB3.0 x 4 RS232 x 2 RJ45 x 2 VGA x 1 HDMI x 1 8bit GPIO terminal block x 1
Watchdog Timer	1~255 steps by software program
Storage Disk Drive	SATA 2.5" HDD/SSD bay x 1
Expansion Slot	1 x PCI Express Full Mini Card slot (USB / PCIe / SATA) 1 x M.2 2230 E key (PCIe / USB)
Stereo Speaker	-
OS Support	Windows 10 64bit, Linux (support by request)
POWER REQUIREMENT	
Power Input	DC 8~24V
Power Adapter	AC to DC, DC19V 65W adaptor
MECHANICAL	
Mounting	VESA 75/Stand
Dimension	178 x 260 x 46.5 (mm)
Weight	TBD
ENVIRONMENTAL	
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10% ~ 95% @40°C non-condensing
Vibration Resistance	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
Shock Resistance	Operating Random Vibration Test 5 ~ 500Hz; 2Grms @with SSD, follow IEC 60068-2-64
EMC	CE, FCC Class A
Front Panel Protection	IP65 Compliant