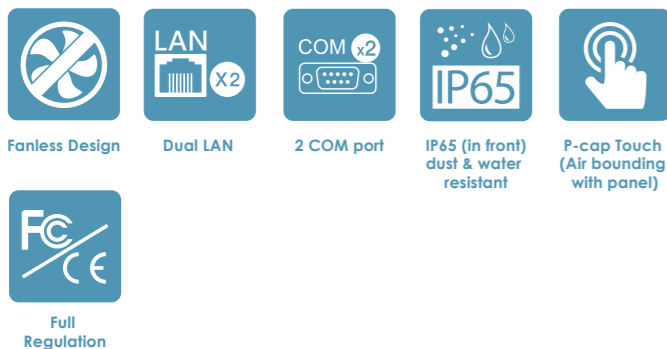


P100-10AS

10.1" Panel PC
Intel® Apollo Lake Celeron Processor

Feature

- 10.1" TFT LCD with 30,000 hrs backlight lifetime
- Front panel IP65-rated, fanless design
- Inside Intel® Apollo Lake-M N3350 Processor

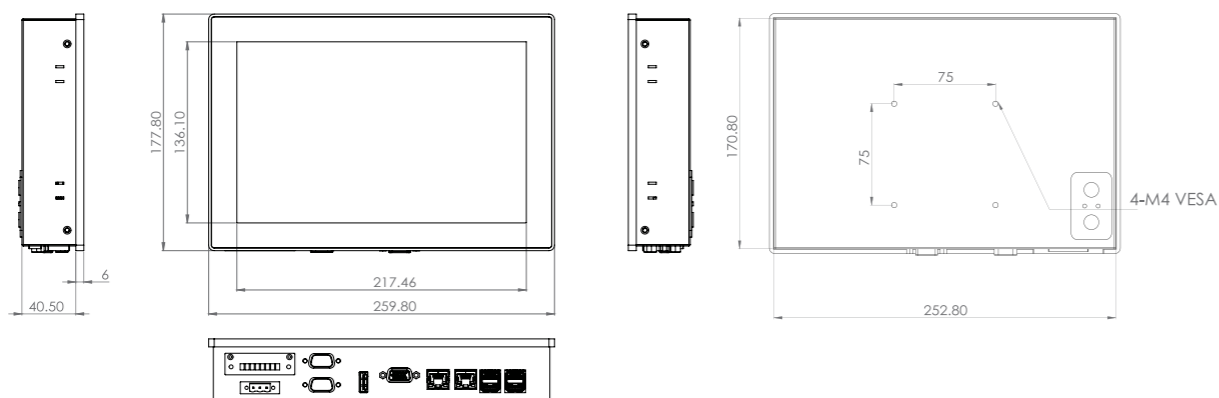


I/O Interface



- 1 Power
- 2 Reset
- 3 8 bit GPIO
- 4 DC-in
- 5 COM
- 6 HDMI
- 7 VGA
- 8 Giga LAN
- 9 Giga LAN
- 10 USB 3.0
- 11 USB 3.0

Dimension (mm)



P100-10AS Industrial Panel PC

| LCD | |
|-----------------------|---------------------|
| Display Type | 10.1" TFT-LCD |
| Max. Resolution | 1280 x 800 |
| Max. Colors | 16.7M (8 bit/color) |
| Luminance | 400 |
| Viewing Angle | 170°/170° |
| Led Backlight (Hours) | 30,000 |
| Brightness | Option |

| TOUCH SCREEN | |
|--------------|---------------------|
| Type | P-CAP |
| Touch Screen | True-flat 10 points |
| AR/AG | Option |

| SYSTEM | |
|--------------------|----------------------------------------------------------------------------|
| Processor | Intel® Apollo Lake-M N3350 Processor Option: N4200 |
| Chipset | Intel® SoC integrated |
| System Memory | DDR3L 1866 MHz, 204-pin SO-DIMM x 1, Max. 8GB (Non-ECC) |
| Ethernet | 2 x Intel® I210-AT Giga LAN |
| I/O Port | 1 x 3-pin Phoenix type terminal block DC input |
| | 4 x USB3.0 |
| | 2 x RS232 (one supports RS232/422/485) |
| | 1 x VGA |
| Watchdog Timer | 1 x HDMI |
| | 1 x 8bit GPIO terminal block |
| Storage Disk Drive | 1~255 steps by software program |
| Expansion Slot | 1 x SATA 2.5" HDD/SSD bay |
| | 1 x mPCIe Full size (USB / PCIe / SATA) |
| Stereo Speaker | 1 x M.2 2230 E key(Pcie / USB) |
| Os Support | - |
| | Windows 10 64bit (UEFI only no legacy support), Linux (support by request) |

| POWER REQUIREMENT | |
|-------------------|-----------------------------|
| Power Input | DC 8 ~ 24V |
| Power Adapter | AC to DC, DC19V 65W adapter |

| MECHANICAL | |
|------------|---------------------------|
| Dimension | 178 mm x 260 mm x 46.5 mm |
| Weight | 1.65kg |

| ENVIRONMENTAL | |
|------------------------|-----------------------------------------------------------|
| Operating Temperature | -10°C ~ 50°C |
| Storage Temperature | -20°C ~ 60°C |
| Storage Humidity | 10% ~ 95% @40°C non-condensing |
| Vibration Resistance | Operating Random vibration Test 5-500Hz, 0.3Grms@with HDD |
| Shock Resistance | Operating 50 G peak (3 ms duration) |
| EMC | CE, FCC Class A |
| Front Panel Protection | IP65 Compliant |

Ordering Information

| System I/O | | | | | | | | | |
|-----------------|-------|-----|------|---------------|-----------|--------|-----|-----------|-------|
| Model Number | CPU | VGA | HDMI | USB 3.0 / 2.0 | 8bit GPIO | RS-232 | LAN | Wifi / BT | Power |
| P100-10AS-N3350 | N3350 | 1 | 1 | 4 / 0 | 1 | 2 | 2 | Optional | 8~24V |
| P100-10AS-N4200 | N4200 | 1 | 1 | 4 / 0 | 1 | 2 | 2 | Optional | 8~24V |

Packing List

| Packing | | |
|----------------|--------------------------------------------|------------------------------|
| 1 x Panel PC | 1 x Power Adapter (19V, 65W, DC Jack Type) | 1 x Quick Installation Guide |
| 1 x Screws kit | 1 x 10 pin Terminal Male Connector | 1 x Mounting kit |
| 1 x Driver CD | 1 x 3 pin Terminal Block Power Connector | US + EU Power Cord |