



ALUMINIUM PANEL PC

| MECHANICAL | |
|---|---|
| CONSTRUCTION | Aluminium Front Bezel, Aluminium die-casting chassis |
| MOUNTING | Panel Mount, VESA 100x100 |
| DIMENSIONS (mm) | 285 x 189 x 48.9 |
| NET WEIGHT (kg) | 2 kg |
| IP RATING | IP66 compliant front bezel |
| CERTIFICATE | CE / FCC Class A / UL |
| ENVIRONMENT | |
| OPERATING TEMPERATURE | 0 ~ 50° C |
| STORAGE TEMPERATURE | -30 ~ 70° C |
| STORAGE HUMIDITY | 10 ~ 90% @40°C, non-condensing |
| INQUIRY CODES | |
| VISION-810R | 10.1" TFT, 1280x800, Intel® Pentium N4200, RTS, 9-36V DC, 350cd/m2 |
| VISION-810RH | 10.1" TFT, 1280x800, Intel® Pentium N4200, RTS, 9-36V DC, 1000cd/m2 |
| VISION-810P | 10.1" TFT, 1280x800, Intel® Pentium N4200, PCT, 9-36V DC, 350cd/m2 |
| VISION-810PH | 10.1" TFT, 1280x800, Intel® Pentium N4200, PCT, 9-36V DC, 1000cd/m2 |
| NOTE | |
| RAM and Storage capacity must be specified in the inquiry | |
| System is only allowed to build in either I/O TB-528 series or backup battery | |

| VISION-810 | | |
|--------------------|--|--------------------------|
| SYSTEM | | |
| CPU | Onboard Intel® Pentium™ N4200 Processor(1.83GHz) | |
| SYSTEM CHIPSET | SoC | |
| MEMORY (MAX) | Onboard 4GB DDR 3L 1333 MHz/8GB (option) | |
| OPERATING SYSTEM | Windows 10® | |
| GRAPHICS | Intel HD® Graphics 313/854MHz | |
| INTERFACE PORTS | | |
| USB | 2x USB 3.0 Type A | |
| SERIAL | 1x RS-232 DB-9 (COM 2), 1x RS-232/422/485 DB-9 (COM 1), default RS-232 | |
| LAN | 2x GbE LAN RJ-45 | |
| AUDIO | 1x Audio Line Out | |
| ADDITIONAL PORTS* | VESA Stand, 4G LTE/WiFi/BT, 4x USB 2.0, 4x USB 2.0 + 1x Mini-PCIe + 1x SIM slot 2x RS-232, 1x RS-232 + 2x USB 2.0, 1x RS-232 + 2x USB 2.0 + 1x Power Button 2x RS-232 + 1x Mini-PCIe slot + 1x SIM slot, 2x isolated RS-422/485 2x CAN, 1x LAN + 2x USB 2.0 1x non-isolated LAN PoE + 2x USB 2.0, 1x isolated LAN + 2x USB 2.0 | |
| BATTERY | Backup Battery 21W/10.8V/1.95Ah (3S1P) | |
| STORAGE | | |
| HDD | 1x SATA 2.5" HDD bay (easy Accessible) | |
| MOVABLE DEVICE | 1x SD card slot | |
| EXPANSIONS | | |
| EXPANSION SLOT | 1x Internal Mini-PCIe slot full size | |
| DISPLAY | | |
| DISPLAY TYPE | 10.1" TFT-LCD 16:10 | |
| MAX RESOLUTION | 1280 x 800 | |
| MAX COLOR | 16.2M | 16.7M |
| BRIGHTNESS (cd/m²) | 350 | 1000 |
| VIEW ANGLE (H°/V°) | 170/170 | |
| CONTRAST | 800:1 | 1300:1 |
| TOUCHSCREEN | | |
| TYPE | Resistive (R) | Projected Capacitive (P) |
| INTERFACE | USB | |
| LIGHT TRANSMISSION | Resistive 80% | Capacitive 90% |
| POWER | | |
| POWER INPUT | 9 ~ 36V DC | |
| POWER CONSUMPTION | Max. 27W | |
| POWER PORTS | 1x 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector | |

