



ALUMINIUM PANEL PC

| MECHANICAL | |
|---|---|
| CONSTRUCTION | Aluminium Front Bezel, Aluminium die-casting chassis |
| MOUNTING | Panel Mount, VESA 100x100 |
| DIMENSIONS (mm) | 319 x 245 x 51.7 |
| NET WEIGHT (kg) | 3.1 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-612R | 12.1" TFT, 800x600, Intel® Celeron N2930, RTS, 9-36V DC, 350/400cd/m2 |
| VISION-612RH | 12.1" TFT, 1024x768, Intel® Celeron N2930, RTS, 9-36V DC, 1000cd/m2 |
| VISION-612P | 12.1" TFT, 800x600, Intel® Celeron N2930, PCT, 9-36V DC, 350/400cd/m2 |
| VISION-612PH | 12.1" TFT, 1024x768, Intel® Celeron N2930, 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-612 | |
|--------------------|--|
| SYSTEM | |
| CPU | Onboard Intel® Celeron™ N2930 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, up to 32 GB |
| EXPANSIONS | |
| EXPANSION SLOT | 1x Internal Mini-PCIe slot full size |
| DISPLAY | |
| DISPLAY TYPE | 12.1" TFT-LCD 4:3 |
| MAX RESOLUTION | 800 x 600 1024 x 768 |
| MAX COLOR | 16.2M |
| BRIGHTNESS (cd/m²) | 450/500 1000 |
| VIEW ANGLE (H°/V°) | 178/178 |
| CONTRAST | 700:1 1000:1 1500:1 |
| TOUCHSCREEN | |
| TYPE | Resistive (R) Projected Capacitive (P) |
| INTERFACE | USB |
| LIGHT TRANSMISSION | Resistive 80% Capacitive 90% |
| POWER | |
| POWER INPUT | 9 ~ 36V DC |
| POWER CONSUMPTION | Max. 32W |
| POWER PORTS | 1x 3-pin Terminal Block Connector 1x 2-pin Power Switch Connector |

