

SKY12-P28

12.1" RUGGED PANEL COMPUTER
WITH 28 PROGRAMMABLE FUNCTION
KEYS



- MIL-STD-D38999 AMPHENOL
- MEETS MIL-STD-461, MIL-STD-1275, MIL-STD-704, MIL-STD-810G
- 12.1" GLASS-FILM-GLASS TOUCH PANEL
- 1000 NITS , COMPATIBLE WITH SUNLIGHT READABLE AND NIGHT VISION GOGGLES
- DC-IN 9V~36V
- 28 USER PROGRAMMABLE FUNCTION KEYS
- EXTENDED TEMPERATURE -30 TO +60°C

SPECIFICATIONS

| SPECIFICATIONS | |
|-----------------------|--|
| I/O Connectors | MIL-STD-D38999 Amphenol connectors LAN x 2, DVI x 1, USB x 1, COM x 2, DC-IN x 1 |
| Power Input | DC-IN 9 ~ 36V Optional: MIL-STD-1275, MIL-STD-704 and DO-160 power supply, 12 to 40V (150W max) |
| DISPLAY | |
| LCD Panel | 12.1" TFT LCD |
| USB | 2 x USB 2.0 |
| Resolution | 1024 x 768 XGA |
| Aspect Ratio | 4:3 |
| Brightness | Ultra Brightness 1000 nits |
| Max. Colors | 16.7M/262k |
| Viewing Angle | 80° (H) / 70° (V) |
| Response Time | 11ms (TYP.) |
| Contrast Ratio | 1000 (TYP.) |
| Touch Panel | Glass-Film-Glass 5-Wire resistor touch panel |
| Function key | 28 user programmable function keys |
| Display Control | <ul style="list-style-type: none"> • Power On/Off • LCD Brightness Off/+/- • Function key backlight On/Off • Display mode Select (On/Off/Night Vision) |
| PHYSICAL | |
| Dimension (W x H x D) | 370 x 110 x 310mm (w/o Stand) |
| Chassis | Anodic aluminum oxide |
| Ingress Protection | IP65 Dust /water Proof |

SPECIFICATIONS

ENVIRONMENTAL QUALIFICATIONS

| | |
|------------------|--|
| Certified | <p>MIL-STD-461E : CE102 basic curve, 10kHz – 30MHz RE102-4, (1.5MHz) – 30MHz – 5GHz RS103, 1.5MHz – 5GHz, 50 V/m equal for all</p> <p>MIL-STD-1275E : 5.1.2 Starting operation 5.1.3.1.2 Emitted voltage spikes 5.1.3.2.2 Voltage surges 5.1.3.1.1 Voltage spikes 5.1.3.2.1 Voltage surges 5.1.1.2 Voltage ripple</p> <p>MIL-STD-810G : Harsh Temperature, Shock, Vibration, Altitude and Dust</p> |
| Operating System | <p>Windows 10 64bit Ubuntu16.04, Ubuntu14.04, Fedora 28</p> |
| Reliability | <p>No Moving Parts; Passive Cooling. Designed & Manufactured using ISO 9001/2000 Certified Quality Program.</p> |
| EMI/EMC | <p>CE ,FCC , MIL-STD-810G, MIL-STD-1275, MIL-SD-461E compliance</p> |
| Green Product | <p>RoHS, WEEE compliance</p> |

ORDERING INFORMATION

SKY12-P28

**12.1" RUGGED PANEL COMPUTER, MIL-DTL-38999
CONNECTORS, NIGHT VISION SUPPORTED,
28 PROGRAMMABLE FUNCTION KEYS**