



FRT-104: 10.4" RUGGED TABLET (FOR GROUND BASED FIELD OPERATIONS)



SPECIFICATIONS :

- » Single board computer with 5th Generation Intel Core i7-5650U CPU
- » 4 GB DDR-3L RAM expandable to 8 GB
- » 4 x RS 232, 1 x RS232/RS422/RS485
- » 4 x USB 2.0, 2 x USB 3.0
- » 2 x SATA 3.0 with RAID 0,1 support
- » Built-in RTC
- » Programmable 8 bit GPIO
- » On-board dual Giga LAN port via i210-AT and i218-LM
- » Built-in watch dog timer
- » User expansion capability via 2 x MiniPCIe slots
- » On-board HD Audio via ALC 888
- » 10.4" LCD Display with 1024 x 768 LCD resolution
- » 16.7 Mio Colors
- » Pixel pitch: 0.2055mm(H) x 0.2055mm (V)
- » Brightness: 700 Cd/m2
- » Viewing Angle: L/R ± 850 , U/D ± 850
- » 1 x 64 GB solid state drive
- » Power Input: 19~36V DC input (Nominal 28V)
- » Windows embedded standard WES-7 OS
- » Built-in Li-ION smart battery with level-3 charger
- » 18 Keys on the front panel arranged as 5 keys on left and right and 8 keys at the bottom
- » Programmable protocol for the keys with RS 422/RS 232 output
- » MIL-C-38999 connector for Power, Ethernet & USB
- » Weight: Approx. 3.5 Kgs (Not exceeding 4.0 Kgs)
- » Size: 285mm x 228 x 75mm (not considering corner bumpers)

ENVIRONMENTAL SPECIFICATIONS :

- » Operational Temperature : -20° C to +55° C
- » Storage temperature : -30° C to +70° C
- » Humidity: 95% RH at 40° C
- » Vibration: 2g, 10 to 500 Hz
- » Shock: 20 g, 11 msec
- » EMI/EMC: As per ML 461F)