



## CDU 104 : 10.4" RUGGED CONTROL & DISPLAY UNIT



### SPECIFICATIONS :

- » Single board computer with 5th Generation Intel Core i7-5650U CPU
- » 8GB DDR-3L RAM
- » 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 MiniPCle 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: 600 Cd/m<sup>2</sup> or above ( Sun Readable)
- » Viewing Angle: L/R  $\pm$  850, U/D  $\pm$  850
- » 1 x 256GB Solid State MLC Drive
- » 1 x Fingertip joystick M11L6C1M on Right Side
- » 1 x Fingertip joystick M21L0C1M on Left Side
- » Power 19 V DC input (Max 24 V DC)
- » External power adapter ( AC input to 19 V DC)
- » Built-in Li-ION smart battery with level-3 charger
- » User defined keyswitches on both sides
- » Water sealed Fisher connector for Power, Ethernet & USB

### ENVIRONMENTAL SPECIFICATIONS :

- » High Temperature (Operational ) : +55°C
- » Low Temperature (Operational) : -30°C
- » High Temperature (Storage ) : +70°C
- » Low Temperature (Storage) : -30°C
- » Humidity : 95 % RH (Non Condensing @ 400C)
- » Vibration : 5 ~ 8 Hz +6mm constant displacement  
8 to 500 Hz +19.6m/s<sup>2</sup> constant acceleration
- » Shock : 20 g , 11 msec
- » EMI/EMC : As per MIL-STD-461F ( Equipment installed in Ground Army Platforms)