

MILSYNAPSE 24 24 INCH MILITARY PANEL PC



ABOUT

Our MILSYNAPSE 24 Rugged Military Panel PC is designed to meet or exceed all military standards for shock, vibration, and electromagnetic interference. They are tough, powerful, and ready to deploy now.

They feature a fanless design, with a tough, corrosion resistant housing, and wide viewing angles to ± 89 degrees. The MILSYNAPSE 24 delivers with powerful Intel® 6th Generation Skylake-U i7/i5/Celeron CPUs, and up to 16GB RAM.

All MILSYNAPSE Military Panel PCs offer convenient on-screen controls, auto-dimming, and integrated Intel® HD graphics as standard.

FEATURES

- Intel® 6th Gen Skylake-U i7/i5/Celeron CPUs
- 16GB wide-temp 1 DDR4 2133 MHz RAM
- Intel® Integrated HD Graphics 250
- 24" diagonal viewing area
- 1920x1080 resolution
- Bezel mounted OSD and inline mouse
- 2 USB 3.0 Type A Ports
- 1 RS-232/422/485 Serial COM Port
- 2 RJFTV21G Ethernet Connectors
- Meets or exceeds:
 - MIL-STD-901D (shock)
 - MIL-STD-167-1A (vibration)
 - MIL-STD-461E (EMI)

System & Motherboard

CPU	Intel® 6 th Generation Skylake-U i7/i5/Celeron CPUs
RAM	Up to 16GB Wide-Temp DDR4 2133MHz SO-DIMM
BIOS	Administrator lockout of USB ports - Administrator password access
GPU	Intel® HD Graphics 520

Display

Type	LCD display with LED backlight
Dimensions	25 x 15.72 x 5.38 (W x H x D - inches - with handles)
Screen Size	24 inch diagonal
Resolution	1920x1080
Glass	2.8mm tempered
Brightness	300 cd/m ²
Viewing Angle	± 89 degrees horizontal and vertical
Touchscreen	5-wire resistive touch
OSD Menu	Front bezel mounted OSD menu buttons that allow directly accessible brightness & volume control

Input/Output

USB	2x USB 3.0 Type A
Serial COM	1x RS-232/422/485 Isolated Serial COM DB9 Male
Ethernet	2x RJFTV21G Amphenol Connectors
Fiber	Optional 1 (2x channel 100BaseFX) or Optional 2 (2x channel GbE)
Function Keys	Optional 2x User Programmable
Mouse	1x Inline Mouse
Speaker	2x 102 dB

Storage Media

SSD	Wide-temp, user-accessible
CFast	Wide-temp, user-accessible

Power

Input Power	90 – 264 VAC, 60 Hz, 1 Ø, 200 watts max
Connector	MS27656E15B5P Power Input Connector (115 VAC @60HZ DELTA)
Switch	ON/OFF Toggle Switch STDP, 15A, water tight
Current	1.8A max @ 115VAC
Fusing	2x external 5A panel mount

Certifications

Shock	Built to meet or exceed MIL-STD-901D (Navy)
Vibration	Built to meet or exceed MIL-STD-167-1A
Electromagnetic Interference (EMI)	Built to meet or exceed MIL-STD-461F

