

MILSYNAPSE 10.4"

All-In-One Military Panel PC



OVERVIEW

Our MILSYNAPSE 10.4" Rugged Military All-In-One (AIO) 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.

The MILSYNAPSE 10.4" AIO delivers with powerful Intel® Core™ i7/i5/i3 Skylake CPUs, 5-wire resistive touchscreen, and up to 16GB RAM. Featuring a fanless design, with a tough, corrosion-resistant housing, and wide viewing angles to ± 89 degrees, this AIO is everything needed to outperform the competition in the toughest environments.

All MILSYNAPSE AIO's offer convenient on-screen controls, auto-dimming, and integrated Intel® HD graphics as standard.

FEATURES

- Intel® Core™ i5 Skylake Series Dual-Core CPU
- 16GB wide-temp 1 DDR4 2133 MHz RAM
- Intel® Integrated HD Graphics 250
- 10.4" diagonal viewing area
- 5-wire resistive touchscreen with 1920x1080 resolution
- Bezel mounted OSD and inline mouse
- 2 USB 3.0 Type-A Ports
- 1 RS-232/422/485 Serial COM Port
- 2 RJ45 Ethernet Connectors
- Certifications: MIL-STD-901D (shock)
MIL-STD-167-1A (vibration)
MIL-STD-461E (EMI)

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SPECIFICATIONS

System & Motherboard

CPU	Intel® Core™ i7/i5/ i3 Skylake Dual-Core Processor
RAM	Up to 16GB Wide-Temp 1.35V, 1 DDR4 2133MHz SO-DIMM
BIOS	Administrator lockout of USB ports - Administrator password access
GPU	Intel® HD Graphics 250

Display

Type	LCD display with LED backlight
Screen Size	10.4 inch diagonal
Resolution	1920x1080
Glass	2.8mm tempered
Brightness	300 cd/m ²
Min Viewing Angle	85 degree horizontal and vertical
Touchscreen	5-wire resistive touch
OSD Menu	Front bezel mounted OSD menu buttons that allow directly accessible brightness up/down (max bright to 1 nit) volume up / down without going through OSD navigation menu

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
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	MIL-STD-901D (Navy)
Vibration	MIL-STD-167-1A
Electromagnetic Interference (EMI)	MIL-STD-461F