

MILSYNAPSE 24"

Military Panel PC



OVERVIEW

Our MILSYNAPSE 24in 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.

Featuring a fanless design with a tough, corrosion resistant housing, and wide 24" diagonal viewing area. The MILSYNAPSE 19in delivers with powerful Intel®Core™ i7/ i5/ i3/ Celeron® CPUs, and up to 16 GB RAM.

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

FEATURES

- Intel® Core™ i7/ i5/ i3/ Celeron® U-series Processor
- 16GB, 1 DDR4 2133 MHz RAM
- Intel® HD Graphics 520
- Rugged, fan-less, -10°C to 60°C operating temperature
- 1920x1080 resolution
- Meets military shock, vibration, and EMI standards

MILSYNAPSE 24" SPECIFICATIONS

System & Motherboard	
CPU	Intel Core i7/i5/ i3/ Celeron U-series Processor (Skylake-U, up to 4M Cache, 3.4 GHz)
GPU	Intel HD Graphics 520
RAM	1 DDR4 2133MHz SO-DIMM, up to 16GB
Operating System	Windows 10, Windows 8.1, Windows 7, Linux
Input / Output	
Ethernet	1 Intel I219LM GbE LAN - MIL Circular Connector 1 Intel I210 GbE LAN - MIL Circular Connector
Fiber	OPTIONAL - 2 Channel 10/100/1000/100000
USB	(2) USB3.0 Type A - MIL Circular Connector
Serial	(2) RS232/422/485 COM - IP65 DB9 Connector
Power	4VDC Input - MIL Circular Connector
Display	
Type	LCD display with LED Backlight
Screen Size	24" Diagonal
Resolution	1920 x 1080
Glass	3mm AR Glass
Brightness	1000 cd/m ²
Viewing Angle	± 80 degrees horizontal and vertical
Touchscreen	OPTIONAL - Resistive Touch
Storage	
SATA	2 SATA III (6 Gbps)
mSATA	1 mSATA (Mini PCIe Type, 6 Gbps)
Environmental	
Operating Temperature	-10°C to 60°C - MIL-STD-810G
Storage Temperature	-40°C to 70°C - MIL-STD-810G
Shock	MIL-STD-901D, Grade A, Class 1
Vibration	MIL-STD-167-1
EMI	MIL-STD-461 - CE101, CE102, CS101, CS114, CS116, RE101, RE102, RS101, RS103