

MILCOTS™

17" Panel PC / 6017SX

Product range for harsh environments



6017SX model

NEMA 4 Stand Alone
Integrated PC with touch screen

Naval Consoles
Offshore Applications
Shelters and vehicles
Railway
Anti-Vandalism Display

Key points

- High quality display (high contrast ratio)
- Lock / cancel OSD
- Non-reflective coated glass
- Typical product availability: 8 to 10 years
- Pentium M based PC
- Touch screen

Options

- Adapted non-reflective coated glass available on request
- Brightness tuning from 100 to 5% (dimming)
- Water-resistant housing
- Handles
- EMC/EMI. This range is available with several levels of protection and reinforcement from the standards required by the information technology industry to the military sector (MIL-STD)

For operations in extreme conditions (shock, vibration, waterfall, seafog, very high or low ambient light conditions), MILCOTS's 5000 series displays is the right choice for field applications (ground, sea, railway transport), aboard vehicles or in shelter). The 6000 series integrates a 5000 series display with touch screen capability and embedded PC with today's processing power

6000 series displays are available in:

15" XGA

17", 18", 19" and 20" SXGA

20", 21" and 23" UXGA

24" WUXGA.

with custom packaging for field applications

17" Panel PC / 6017SX



Display module
 Color active matrix TFT 17"
 Native Resolution : 1280 x 1024
 Brightness : 200 cd/m2
 Contrast ratio : 350:1
 Dot pitch : 0,264 mm
 Viewing angle : 170°/170°
 Response time : 16 msec
 Display color : 16.7 M
 Active display area : 408 x 306 mm

Computer module
 Processor : Pentium III M800 MHz
 Chipset : Intel 855GME
 Memory : DRAM - up to 1GB
 Bus Interface : RC 104 +
 I/O : IDE interface (standard hardrive optional)
 Compact flash on secondary IDE (optional)

OS Supported : Windows 2000/XP, Linux
 USB : 1 port
 Keyboard/mouse : 1 USB optional
 Network Interface : 2 Ethernet ports (1000BaseT and I/100Base T)

Controls
 On Screen Display: waterproof front panel keyboard
 Touch Screen : 5 wire s resistive

Physical Features
 Dimensions : 17" (W) x 14" (H) x 4.43" (D) (19"/9U)
 Weight : 23.1 lbs
 Standard color: RAL 101 (black)

Electrical Features
 Power consumption : 60 W

Environmental Conditions
 Operating temperature : 0 °C to +50 °C
 Storage temperature : -20 °C to +70 °C
 EMI: MIL- STD-461 optional
 Humidity : 10 % to 95 % non condensing
 Altitude : 0 to 45 000 feet
 Shock : MIL-S-901d Heavyweight, Grade A (Hard Mounted optional)
 Vibration : MIL-STD 810E - MIL-STD 167
 Enclosure : NEMA 4

Standard configurations

6017-XX Models	Standard	MIL-STD-461D
12 Vdc input on HE308 connector external power supply non delivered	0A	
12 Vdc input on lockable connector external power supply 12 Vdc / 70 W / 115-230 Vac / 50-60 Hz	1A	
115-230 Vac input /50-60 Hz on HE308 connector	2A	
115-230 Vac input /40-400 Hz / 170 Vdc on HE308 connector	3A	3D
18-36 Vdc input on HE308 connector	4A	
28 Vdc AIR2021E input on HE308 connector	5A	5D

Options
 SAW touch screen
 Capacitive touch screen
 Video IN (TV, RGB)
 Video Out (DVI)
 Warranty 1 year (extendable to 3 and 5 years)