



# NES-CONSOLE CONSOLE

## ▶ HIGHLIGHTS

Dual Display console available with 15",17",19",21" ,24" displays

---

Touch : Touch screen (optional)

---

Field upgradeable CPU module to deploy latest Atom, i3 ,i5 i7 ,XEON

---

Up to 2.53Ghz

---

Up to 64GB RAM

---

DVI, HDMI input (Optional)

---

Up to four RS 232/RS422/485 serial ports

---

Four GPIO lines

---

Dual Gigabit Ethernet Controllers

---

Two SATA ports

---

Up to Four USB ports

---

Operating Temperature 0°C to 60°C

---

Power : 220V or 28VDC

---

Support for Windows ,Linux

## RELATED PRODUCT





# NES-CONSOLE CONSOLE

## ► HIGHLIGHTS

2x channel MIL-STD1553 (optional)

---

4x channel ARINC-429 (optional)

---

GPS : High position 50 channel GNSS engine . Max 2Hz navigation  
Position accuracy 2.5m CEP (optional)

---

GPU : 4x Hailo-8 AI processor with up to 26 TOPS (optional)

---

Relative Humidity : Up to 95% at +-40° C

---

Vibrations : As per MIL-STD-167-1

---

Drip proof : As per MIL-STD-108E

---

Shock ( With shock absorbers) : 0.5 sine,30 g for 11 Milliseconds

---

Safety : As per MIL-STD-2036 paragraph 4.10

---

EMI : As per MIL-STD-461C methods RE02,CE03,RS03,CS02 and CS06

---



# NES-CONSOLE CONSOLE

## ▶ EXAMPLE OF 21.5" DISPLAY

Display : 21.5" Wide TFT LCD Backlight

---

Resolution : 1920x1080

---

Aspect Ratio : 16:9

---

Display Area (mm) 476.64 (H) X 268.11(V)

---

Brightness : 1600CD/M2

---

Contrast Ratio : 900:1

---

Pixel Pitch (mm) : 0.24825(H) x 0.24825 (V)

---

Viewing Angle : 170° (H) , 160 (V)

---

Display colors : 16.7M Colors

---

Response Time : 5MS

---

Video : HDMI, VGA, input (optional)

---

Operating Temperature : -20°C to 70°C

---



# NES-CONSOLE CONSOLE

## ► OVERVIEW

The **NES-CONSOLE** can be equipped with the Intel series Atom, i3, i5, i7 or XEON processors and up to 64GB RAM,

It is equipped with dual Gigabit Ethernet controller, Up to Four serial ports configurable in RS232/422/485, four GPIO dual SATA ports and optional GPU capability with the 4x Hailo-8 AI processor with up to 26 TOPS other Features like dual MIL-STD1553 channels, 4x ARINC-429 channel and Optional GPS,

### Order Part Number:

180-000-D-V-G-A-T-I-1553

**D** : Display Size option 15", 17", 19", 21", 24"

**V** : GPU option 4x Hailo-8 AI processor with up to 26 TOPS

**G** : GPS option : : High position 50 channel GNSS engine . Max 2Hz navigation, position accuracy 2.5m CEP

**A** : ARINC-429 4x channel option

**T** : Touch screen option

**I** : Video input option HDMI or DVI

**1553** : MIL-STD1553 2x channel option

\* Leave blank for no option