

15.6", Intel 4th Gen. Core i3/i5, Fanless Industrial Compact Size Panel PC



Features

- 15.6" Industrial Compact Size Panel PC
- Flat Front Panel Touch Screen and fanless design
- Aluminum Die-Casting Chassis for NV-HMI-916(P)
- Intel 4th Gen. Core i3 CPU built-in/i5(option)
- Onboard 4GB DDR3L 1600 MHz/8GB(option)
- 9~36V DC wide-ranging power input
- IP65 Compliant Front Panel
- Optional Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface

Specifications

	NV-HMI-916(P)
System	
CPU	Onboard Intel 4th Gen. Core i3 CPU Processors/i5(option)
System Chipset	SoC
Memory	Onboard 4GB DDR 3L 1600 MHz/8GB(option)
IO Port	
USB	2 x USB 3.0 type A
Serial/Parallel	1 x RS-232 DB-9 1 x DB-9 RS-232/422/485 (Default RS-232)
Audio	1 x Audio Line Out
LAN	2 x GbE LAN RJ-45
Power	1 x 3-pin DC power input terminal 1 x 2-pin connector for power on/off button
Option	2 x RS-232 DB-9 + 1 x Mini-PCle slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A + 1 x Mini-PCle slot + 1 x RS-232 DB-9 + 1 x Power button via TB-528C1U2P1 2 x USB 2.0 type A via TB-528U2 UPS Battery 21W/10.8V/1.95Ah(3S1P)

Storage Space	
Movable device	1 x SD card slot, up to 32GB
HDD	1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible)
Expansion	
Expansion Slot	1 x Internal Mini-PCle slot full size
Display	
LCD Size	15.6"
Max. Resolution	1366 x 768
Max. Color	16.7M
Contrast Ratio	500 : 1
Luminance (cd/m ²)	300
Viewing Angle	160 (H)/ 160 (V)
Backlight Lifetime	50,000 hrs
Touch Screen – Resistive Touch Window Type	
TS Control IC	PenMonut 6000 on board
Interface	USB
Light Transmission	Over 80%
Touch Screen – Projected Capacitive Touch Window Type	
TS Control IC	Chip on tail
Interface	USB
Light Transmission	Over 90%
Power	
Power Input	9~36V DC
Power Consumption	MAX: 31W (916) MAX: 30W (916P)
Mechanical	
Front Bezel	Flat Bezel Design
Front Bezel Metal	Aluminum / Panel Mounting
Rear Panel Metal	Aluminum / VESA 100 x 100
IP Rating	Front Panel IP65
Dimension	412 x 277.5 x 58.9 mm
Net Weight	5.0 Kg
Environmental	
Operating temperature	0~50°C
Storage temperature	-20~60°C
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE / FCC Class A
Operating System Support	Windows Embedded Compact 7, Windows Embedded Standard 7, Windows 7 Pro(FES), Windows 7 Ultimate(FES), Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro, Windows 10 IoT Enterprise 2015LTSB

Dimensions

NV-HMI-916(P)

