

## Dimensions

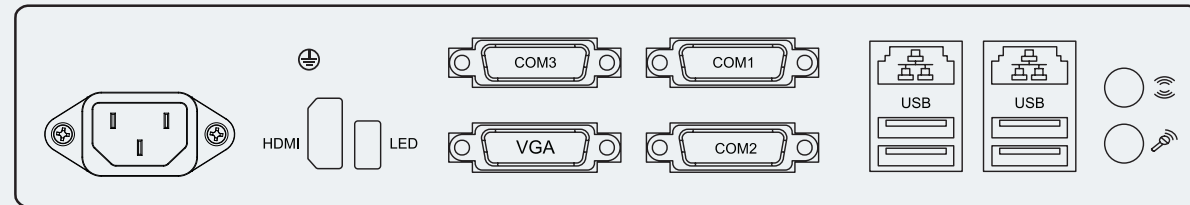
· 482mm(19") X 250mm(9.84") X 1U(44mm)



(Unit : mm)

## I/O Interface

· Rear



## General Specifications

Item	Specification
Ambient temperature	0°C~ 50°C
Storage temperature	-20°C~ 60°C
Ambient humidity	10%RH~85%RH (below 29°C, No dew condensation)
Storage humidity	10%RH~85%RH (below 39°C, No dew condensation)
Environment condition	800hPa~1114hPa (2000m or less)
Dust	0.1mg/m <sup>3</sup> or less
Pollution degree	Pollution degree 2
Corrosion gas	None
Vibration resistance	SSD storage type 9.8m/S <sup>2</sup> , 10Hz~25Hz in X,Y,Z (80min)
Noise resistance	Impulse, EFT/Burse, Surge, ±2KV, 1uS
Static discharge resistance	4kV(IEC61000-4-2 LEVEL 3)

## Options

Part Number	OS	Memory
NU1R	Win7 Pro, 64bit	4GB
	Win8.1, 64bit	8GB
	No OS	

### CIMON CO.,LTD.

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Revision Date \ Jun, 2016  
Printed \ Sep, 2015

# Touch Panel PC - NP Series

## Benefits

- Intel Baytrail-I Embedded Processor E3845 Quad Core 1.91GHz
- Solid-state drive (SSD) with 120GB
- Fanless design and low power consumption
- IP65 (front)
- OS (Option) :  
Windows Embedded 8.1 Industry Pro (64Bit)  
Windows Embedded Standard 7P (32Bit/64Bit)  
Windows 7 Professional DSP (32Bit)
- 12", 15", 19" LCD with Touch screen
- DDR3 memory up to 8GB
- 4x USB port, 2x Gigabit Ethernet
- Anti-Scratch panel



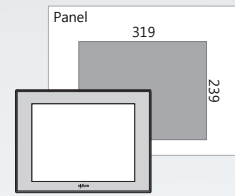
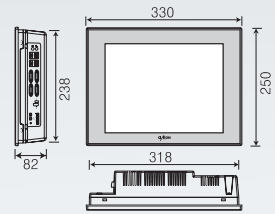
## CM-NP Series H / W Specifications

Specification	CM-NP12-A	CM-NP15-A	CM-NP19-A
CPU	Intel Baytrail-I Embedded Processor E3845 Quad Core 1.91GHz (FANLESS)		
MEMORY	DDR3L SDRAM 4GB (Max. 8GB)		
GRAPHIC	Integrated Intel HD Graphic		
DISPLAY	12.1" TFT LCD	15" TFT LCD	19" TFT LCD
RESOLUTION	XGA (1024X768)		SXGA (1280X1024)
LCD BRIGHTNESS	700cd/m2	450cd/m2	250cd/m2
Backlight Unit	LED		
TOUCH	Analog Resistive		
STORAGE	SSD 120 GByte		
EX. STORAGE	SATA X 1		
SERIAL (COM1, COM2, COM3)	RS-232C		
SERIAL (COM4)	RS-422 / 485		
ETHERNET	Gigabit Ethernet / 2 Port		
USB	USB 2.0 / 4 Port	Front : USB 2.0 / 2 Port Rear : USB 2.0 / 4 Port	
AUDIO	Line-out / 1 Port , MIC-in / 1 Port		
EX. VIDEO	VGA / HDMI		
OS (Selectable)	Windows Embedded 8.1 Industry Pro / Windows Embedded Standard 7P / Windows 7 Professional (DSP)		
UTILITY PROGRAM	EWF(UWF : WIN8.1) / Winclon (Recovery System)		
POWER CONSUMPTION	21W	23W	25W
POWER INPUT	AC100~240V, 50/60Hz, 1.6A		

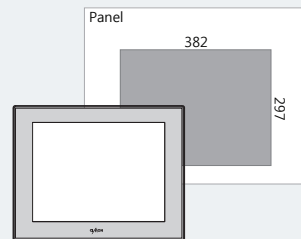
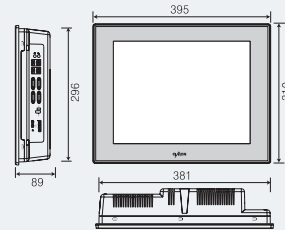
### Dimensions

### Panel Cut

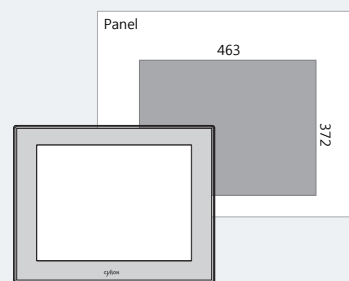
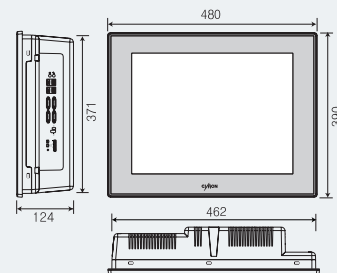
NP12



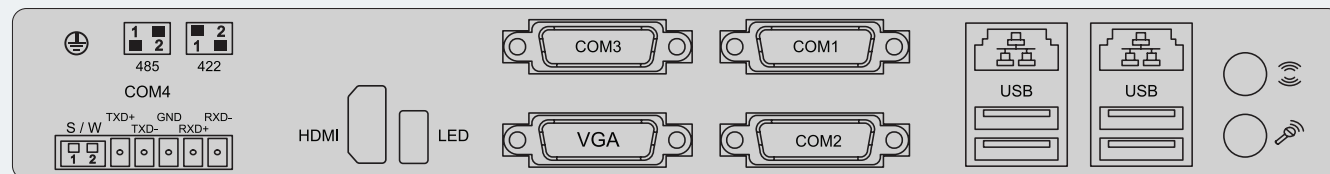
NP15



NP19



### I/O Interface



### General Specifications

Item	Specification
Ambient temperature	0°C~ 50°C
Storage temperature	-20°C~ 60°C
Ambient humidity	10%RH~85%RH (below 29°C, No dew condensation)
Storage humidity	10%RH~85%RH (below 39°C, No dew condensation)
Environment condition	800hPa~1114hPa (2000m or less)
Dust	0.1mg/m <sup>3</sup> or less
Pollution degree	Pollution degree 2
Corrosion gas	None
Vibration resistance	SSD storage type 9.8m/S <sup>2</sup> , 10Hz~25Hz in X,Y,Z (80min)
Noise resistance	Impulse, EFT/Burser, Surge, ±2KV, 1uS
Static discharge resistance	4kV(IEC61000-4-2 LEVEL 3)

### Options

Part Number	OS	Memory
NP12	Win7 Pro, 64bit	4GB
NP15	Win8.1, 64bit	8GB
NP19	No OS	-

# Rack type PC - **NU1R**

## Benefits

- Intel Baytrail-I E3845 Quad Core
- Solid-state drive (SSD) with 120GB
- Fanless design and low power consumption
- OS(Optional):  
Windows Embedded 8.1 Industry Pro (64Bit)  
Windows Embedded 7 Pro (64Bit)  
Windows 7 Professional DSP (32Bit)
- DDR3 memory up to 8GB
- 6x USB port, 2x Gigabit Ethernet



### CM-NU Series H / W Specifications

Specification	CM-NU1R
CPU	Intel Baytrail-I Embedded Processor E3845 Quad Core 1.91GHz (FANLESS)
MEMORY	DDR3L SDRAM 4GB (Max. 8GB)
GRAPHIC	Integrated Intel HD Graphic
STORAGE	SSD 120 GByte
EX. STORAGE	SATA X 1
SERIAL (COM1, COM2, COM3)	RS-232C
ETHERNET	Gigabit Ethernet / 2 Port
USB	Front : USB 2.0 / 2 Port, Rear : USB 2.0 / 4 Port
AUDIO	Line-out / 1 Port , MIC-in / 1 Port
EX. VIDEO	VGA / HDMI
OS (Selectable)	Windows Embedded 8.1 Industry Pro / Windows Embedded Standard 7P / Windows 7 Professional (DSP)
UTILITY PROGRAM	EFW(UWF : WIN8.1) / Winclon (Recovery System)
POWER CONSUMPTION	13W
POWER INPUT	AC100~240V, 50/60Hz, 1.6A