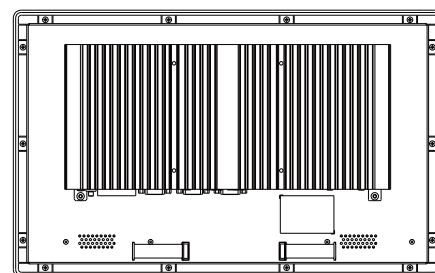
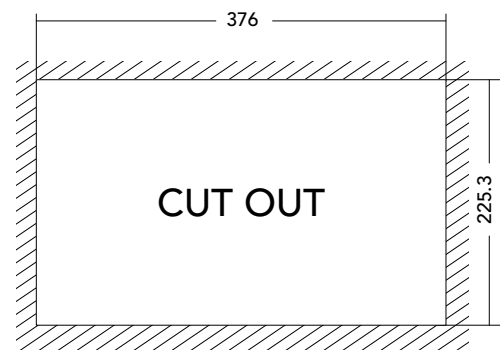
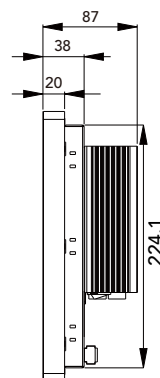
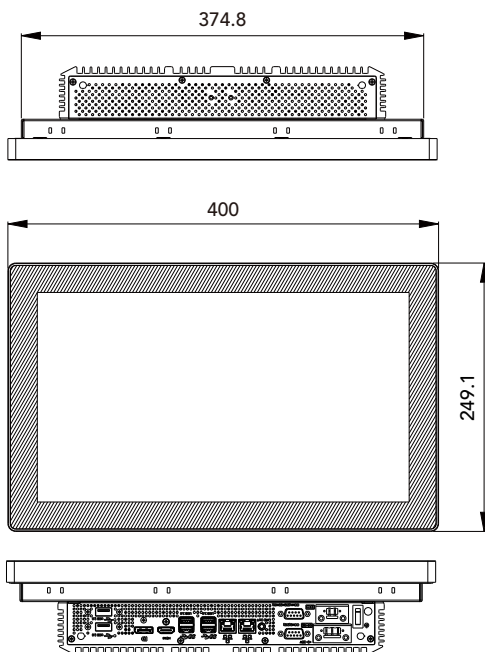




## 15.6" Intel® Processor N-series N97 Fanless Industrial Modular Panel PC

### Features

- Intel® Alder Lake-N Processor N97 2.0 GHz (up to 3.6 GHz)
- 15.6" Full HD 1920x1080, TFT-LCD
- Projected Capacitive Touch
- IP66-rated aluminum front bezel and steel chassis
- 2.5 GbE Ethernet ports x 2
- COM port x 2 (RS-232 x 1, RS-232/422/485 x 1)
- USB x 6 (3.2 Gen1 x 2, 3.2 Gen2 x 2, 2.0 x 2)
- DC 9~36V wide range power input
- Fan-less, modular detachable design
- VESA mounting 100x100mm / Panel mounting



	Model No.	NPP-156P02
System	CPU	Intel® Alder Lake-N Processor N97 2.0GHz, quad-core, 4 threads,(up to 3.6GHz)
	System Chipset	SoC
	System Memory	1 x SO-DIMM, DDR5 4800MHz, up to 16GB
Storage	SSD	1 x 2280 M.2 B key (SATA/PCIe x1)
Expansion	Expansion Slot	1 x M.2 E key (PCIe x1, USB 2.0), 2230
Display & Touch Screen	LCD Size	15.6" TFT-LCD
	Luminance (cd/m²)	350 (Typ.)
	Backlight Lifetime (hrs)	50000
	Contrast	800:1
	Max. Colors	16.7M
	Max. Resolution	1920x1080
	Viewangle (H°/V°)	178 / 178
	Touch Type	Projected Capacitive Touch
	Touch Interface	USB
	Light Transmission (%)	Projected Capacitive Touch: over 85%
I/O Interface	Audio	1 x Line Out
	HDMI 2.0	1
	Display Port	1
	LAN (RJ45)	2 x 2.5GbE
	Power	1 x 2 pins terminal block for external power switch 1 x 3 pins terminal block power connector 1 x power switch on/off
	Serial	1 x DB9 (RS-232/422/485 & RI/5V/12V) 1 x DB9 (RS-232)
	USB	2 x USB 3.2 Gen 1, 2 x USB 3.2 Gen 2, 2 x USB 2.0
Power	Power Input	DC 9~36V
	Power Consumption	90W
Environment	Operating Temp.	0~50° C (32~122° F)
	Operating Humidity	10 to 90% (non-condensing)
	Storage Temp.	-20~60° C (-4~140° F)
	Software	iFace-Designer® Runtime, Siemens Industrial Edge Runtime, Siemens Industrial Management
	Operating System	Windows 10 IoT, Debian 11
	Certification	CE/FCC
Mechanical	Construction	Aluminum front bezel and steel chassis
	IP Rating	Front Panel IP66
	Mounting	VESA mounting 100x100mm / Panel mounting
	Dimension(mm)	400(W) x 249.1(H) x 87(D)
	Net Weight(Kgs)	5.5

## Ordering Information

NPP-156P02-8G	15.6" Full HD Fanless Panel PC withW Intel Alder Lake-N Processor N97 2.0 GHz, 8GB DDR5 4800MHz, 128G SSD, Projected Capacitive Touch, 9~36V DC input with adapter, Aluminum chassis
NPP-156P02-16G	15.6" Full HD Fanless Panel PC withW Intel Alder Lake-N Processor N97 2.0 GHz, 16GB DDR5 4800MHz, 256G SSD, Projected Capacitive Touch, 9~36V DC input with adapter, Aluminum chassis