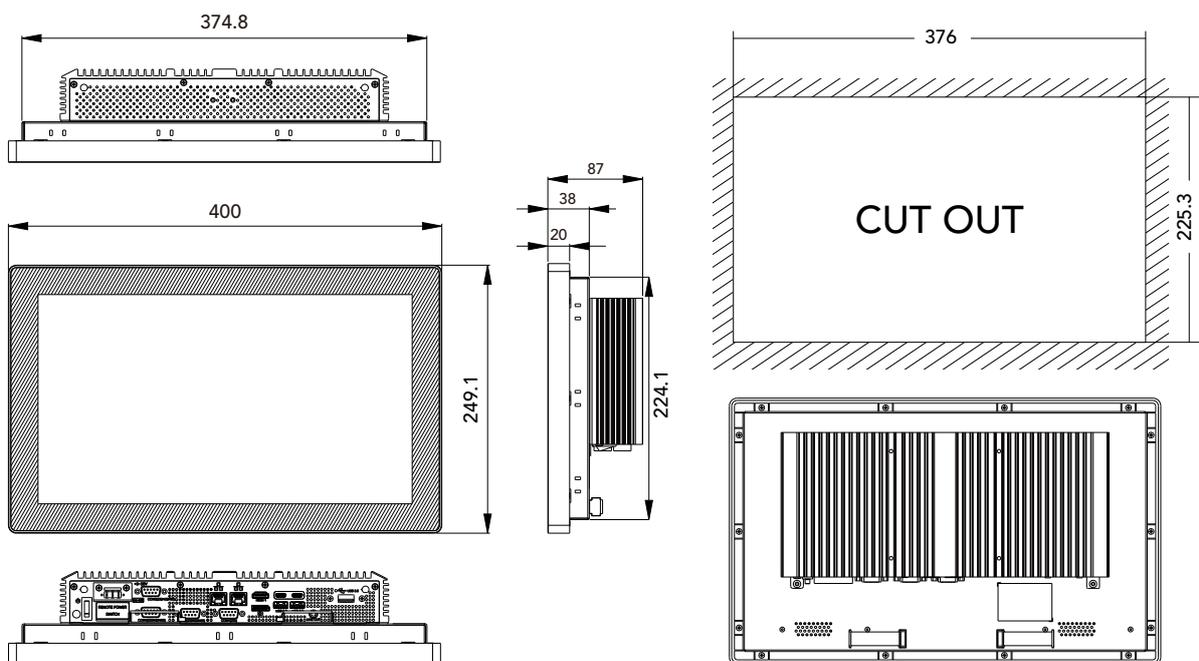## 15.6" Intel® Core™ i5-1335U Processor
Fanless Industrial Modular Panel PC

Features

- Intel® Core™ i5-1335U Processor, 10 cores,12 threads, up to 4.6 GHz
- 15.6" Full HD 1920x1080, TFT-LCD
- Projected Capacitive Touch
- IP66-rated aluminum front bezel and steel chassis
- 2 x 2.5 GbE ports
- 4 x COM ports
  (1 x RS-232 & RI/5V/12V, 3 x RS-232/422/485 & RI/5V/12V)
- 3 x USB (2 x USB 3.2 Gen 2, 1 x USB 2.0)
- DC 9~24V wide range power input
- Fan-less, modular detachable design
- VESA mounting 100x100mm / Panel mounting

374.8

400

249.1

87

38

20

224.1

376

CUT OUT

225.3

	Model No.	NPP-156P05
System	**CPU**	Intel® Core™ i5-1335U Processor, 10 cores,12 threads, up to 4.6 GHz
	System Chipset	SoC
	System Memory	2 x SO-DIMM, DDR5 4800MHz, up to 64GB
Storage	**SSD**	1 x 2280 M.2 M-Key (PCIe Gen4x4, SATA 6Gb/s)
Expansion	**Expansion Slot**	1 x Full-size Mini PCIe with SIM slot 1 x 2230 M.2 E-Key
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	3 x DB9 (RS-232/422/485 & 5V/12V) 1 x DB9 (RS-232 & 5V/12V)
	USB	2 x USB 3.2 Gen 2, 1 x USB 2.0
	Type C	2
Power	**Power Input**	DC 9~24V
	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 CLASS A
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