

P15 15" Aluminum-Alloy Industrial Panel PC

Brief Introduction

P15 is a fanless industrial panel PC, which contains Intel® Core™ i7/i5/i3/Celeron™ J1900 processor. P15 support WIN7, WIN8, WIN10 and Linux operating system.

Made of aluminum alloy, the PC features simple structure, excellent dust-proof, heat dissipation, anti-vibration and EMC performance. It also provides high reliability and strong environmental adaptability.

P15 is tailored for the industrial automation industry.



Features

Sealed and fanless design

Cableless design, board-board connector

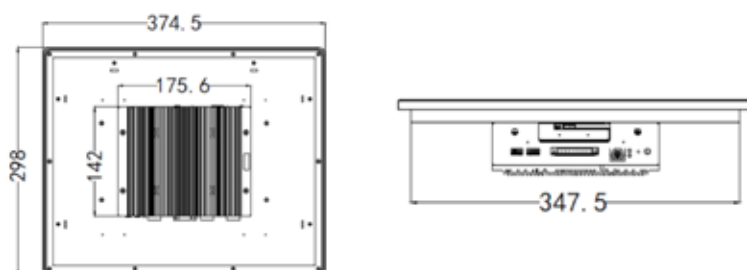
Multiple platforms and rich configuration optional

Support 9~36V DC input

Support 0~55 operation

Support IP65 in front

Product size chart



(Company : MM)

Specifications

Items		Specification			
System	Mainboard	ECS-1837	ECS-1838	ECS-1840	ECS-1841
	Chipset	Intel® BayTrail	Intel® Skylake-U	Intel® BayTrail	Intel® H110
	CPU	Intel® Celeron® J1900	Intel® Core™ i7-6500U/ i5-6300U/i3-6100U	Intel® Celeron® J1900	Intel® Core® i7-7700T/ i7-6700TE/i5-7500T/ i5-6500TE/i3-6100TE/ i5-6500
	RAM	1 x 204-pin DDR3L SODIMM, up to 8G	Onboard 4G, 1 x 260-pin DDR4 SODIMM, up to 16G Total 20G	1 x 204-pin DDR3L SODIMM, up to 8G	2 x 260-pin DDR4 SODIMM, up to 32G
Display	Size	15"			
	Resolution	1024 x 768			
	Brightness	300cd/m2			
	Contrast	600:1			
	Touch	Industrial 5-wire resistive			
	VGA	1 x DB15			
	DVI	\			1 x DVI-D
Ethernet	Controller	LAN1: Intel® i211AT, supports Wake-On-Lan		LAN2: intel® i211AT	
	Interface	2 x RJ45			
	Optional	4 x Gb LAN RJ45		4/6 x Gb LAN RJ45	
Storage	HDD/SSD	1 x 2.5" HDD/SSD		1/2 x 2.5" HDD/SSD	
	mSATA	1			
I/O	USB	1xUSB 3.0 and 3/5xUSB 2.0	2xUSB 3.0 and 2/4xUSB 2.0	1xUSB 3.0 and 7xUSB 2.0	4xUSB 3.0 and 4xUSB 2.0
	Serial Port	2/4 x DB9, RS232/422/485 mode selection; RS232 by default		4/5/6 x DB9, RS232/422/485 mode selection; RS232 by default	
	GPIO	4 x DI/O (using 1 x 10 Phoenix terminal block)			
	Audio	1 x Line-out and 1 x Mic-in			
	PS/2	1 x PS/2 keyboard/mouse port			
	Expansion	Mini PCIE	1, used for 4G card with SIM slot		
mSATA		1, used for mSATA SSD or WiFi card			
Power	Input Voltage	9 ~ 30 VDC		9 ~ 36 VDC	
Watchdog Timer	Output	System reset			
	Interval	Programmable 1 ~ 255 sec/min			
Environment	Temperature	Operating: 0 ~45 (with HDD) 0 ~ 55 (with SSD)		Storage: -20~60	
	Humidity	95% @ 40 (non-condensing)			
	Vibration	Sine vibration: 5-15Hz/1.0mm amplitude; 15-200Hz/1.0g acceleration (SSD)			
	Shock	Anti-shock: 10G, half-sine, pulse width: 11ms Three-axis six-direction			
Mechanical	Dimensions	350.5mm (W) x 274mm (H)			
		78.5mm (D)	86.6mm (D)	81.2mm (D)	92.6mm (D)
	Weight	4.25kg	4.8kg	5.5kg	5.95kg
Installation	Panel mount/VESA mount				
EMC&Safety	Meet CE, CCC				
OS Support	Windows 7/8/10, Linux				

Ordering Information

P/N	Model	Description
0010-117221	P15-01	15"/ECS-1837/J1900/4G/500G HDD/2LAN/4USB/4COM/8DIO/VGA/HDMI/PS2/Line-out/Mic-in/DC 9~30V/Adapter
0010-117231	P15-31	15"/ECS-1841/i3-6100TE/4G/500G HDD/2LAN/8USB/6COM/8DIO/VGA/DVI/HDMI/PS2/Line-out/Mic-in/DC 9~36V/Adapter