

Промислові ПК

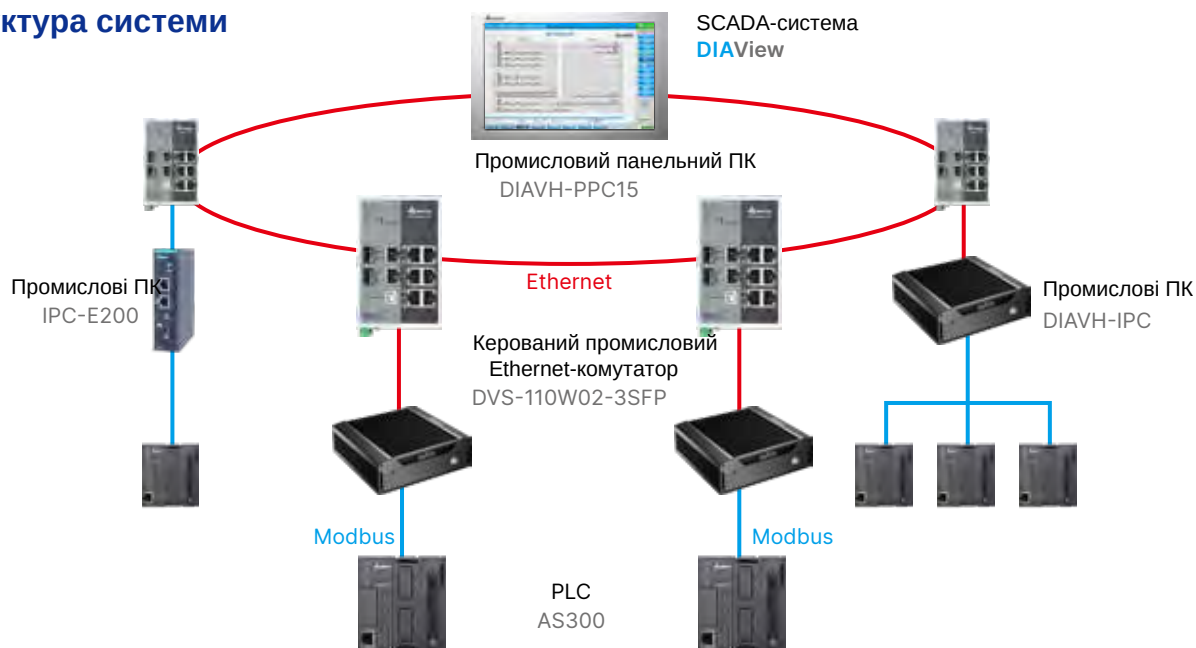
DIAPH / IPC / PPC

Стабільна високопродуктивна платформа інтеграції

- Стандартні безвентиляторні промислові ПК для монтажу на DIN-рейку
- Розширення слотами PCI / PCIe: машинний зір, вебмоніторинг, керування рухом
- Панельні ПК різних розмірів (10" / 12" / 15" / 17" / 19" / 21")
- Стійкість до високих/низьких температур, передня панель IP65 (пило- й вологозахисна) для роботи у важких промислових умовах
- Процесори Intel Core i3 / i5 / i7 і Celeron J1900, безвентиляторна конструкція й низьке енергоспоживання — ефективність і продуктивність
- Запуск одним натисканням
- Windows 10 (Pro / IoT) із SSD 64 / 128 / 256 / 512 ГБ
- Сумісність із платформами SCADA та IEMS



Структура системи



Система керування об'єктом



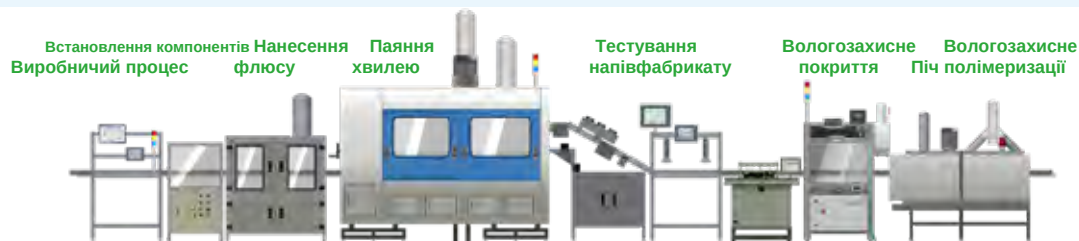
Система керування обладнанням



Система керування виробничим процесом



Система керування якістю виробництва



Застосування

Обладнання для виробництва електроніки, машинобудування, HVAC, водоочищення, управління об'єктами та моніторинг



Digitized Automation for a Changing World

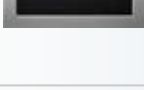
Delta Industrial PC IPC Series / PPC Series

Industrial PCs - IPC & PPC

In response to market demands for industrial information management, Delta presents the industrial PCs: Industrial box PC (IPC) and Industrial Panel PC (PPC).

The Industry PC (IPC) is compact and robust with a fanless design and aluminum case featuring cooling effects. Its rugged structure and excellent vibration resistance make it highly protective against pollution, dust, and electromagnetic interference when applied in industrial environments, such as machinery equipment, transportation, infrastructure and others.

The Industrial Panel PC (PPC) is slim and built with an aluminum case, which is composed of an IP65 front panel and a rear panel with heat sink. It is sealed with a fanless design. The PPC is suitable for applications in the rubber machinery, solar photovoltaic, automotive control and other industrial fields.

	Embedded Type	Intel® Celeron N3350	2 / 4 GB RAM	2 × RJ45 (1GbE)
			64 GB mSata SSD	1 × VGA
			2 × USB / 1 × COM	-
	Basic Type	Intel® Celeron J1900	4 / 8 GB RAM	2 × RJ45 (1GbE)
			128 GB mSata SSD	1 × VGA / 1 × HDMI
			6 × USB / 6 × COM	-
	Standard Type	8 th Gen Intel® Core i3 / i5	4 / 8 GB RAM	2 × RJ45 (1GbE)
			256 / 512 GB mSata SSD	1 × VGA / 1 × HDMI
			6 × USB / 6 × COM	-
	Advanced Type	8 th Gen Intel® Core i3 / i5 / i7	8 GB RAM	2 × RJ45 (1GbE)
			256 / 512 GB Sata III 2.5" SSD	1 × VGA / 1 × HDMI
			4 × USB / 4 × COM	2 × PCI or 1 × PCI + 1 × PCIe × 16
	Basic Type with Panel	Intel® Celeron J1900	4 / 8 GB RAM	2 × RJ45 (1GbE)
			128 GB mSata SSD	1 × VGA / 1 × HDMI
			4 × USB / 4 × COM	10 / 12 / 15 / 17 / 19 / 21 inch
	Standard Type with Panel	8 th Generation Intel® Core i3 / i5	4 / 8 GB RAM	2 × RJ45 (1GbE)
			256 / 512 GB mSata SSD	1 × VGA / 1 × HDMI
			4 × USB / 4 × COM	15 / 17 / 19 / 21 inch
	Basic Type with Panel	Intel® Celeron J1900	8 GB RAM	2 × RJ45 (1GbE)
			128 GB mSata SSD	1 × VGA / 1 × HDMI
			4 × USB / 4 × COM	12 / 15 / 19 inch
	Standard Type with Panel	Intel® Core i5	8 GB RAM	2 × RJ45 (1GbE)
			256 / 512 GB mSata SSD	1 × VGA / 1 × HDMI
			4 × USB / 4 × COM	12 / 15 / 19 inch



Contents

	Page
Industrial PC - IPC	4
Industrial Panel PC - PPC	6
Applications	10
Dimensions	12
Ordering Information	14
Model Information	18



Industrial Box PC (IPC)

Embedded Type

- Intel® Celeron N3350
- Fanless system
- Supports 1×VGA

- Operating Temperature -20 °C ~ 70 °C
- Storage: 1×64 GB mSata SSD
- Memory: Built-in 4 GB; Max. capacity: 8 GB

Basic Type

- Intel® Celeron J1900
- Fanless system
- Supports 1×VGA; 1×HDMI

- Operating Temperature -20 °C ~ 60 °C
- Storage: 1×128 GB mSata SSD
- Memory: Built-in 4/8 GB; Max. capacity: 8 GB

Standard Type

- 8th Gen Intel® Core i3/i5
- Fanless system
- Supports 1×VGA; 1×HDMI

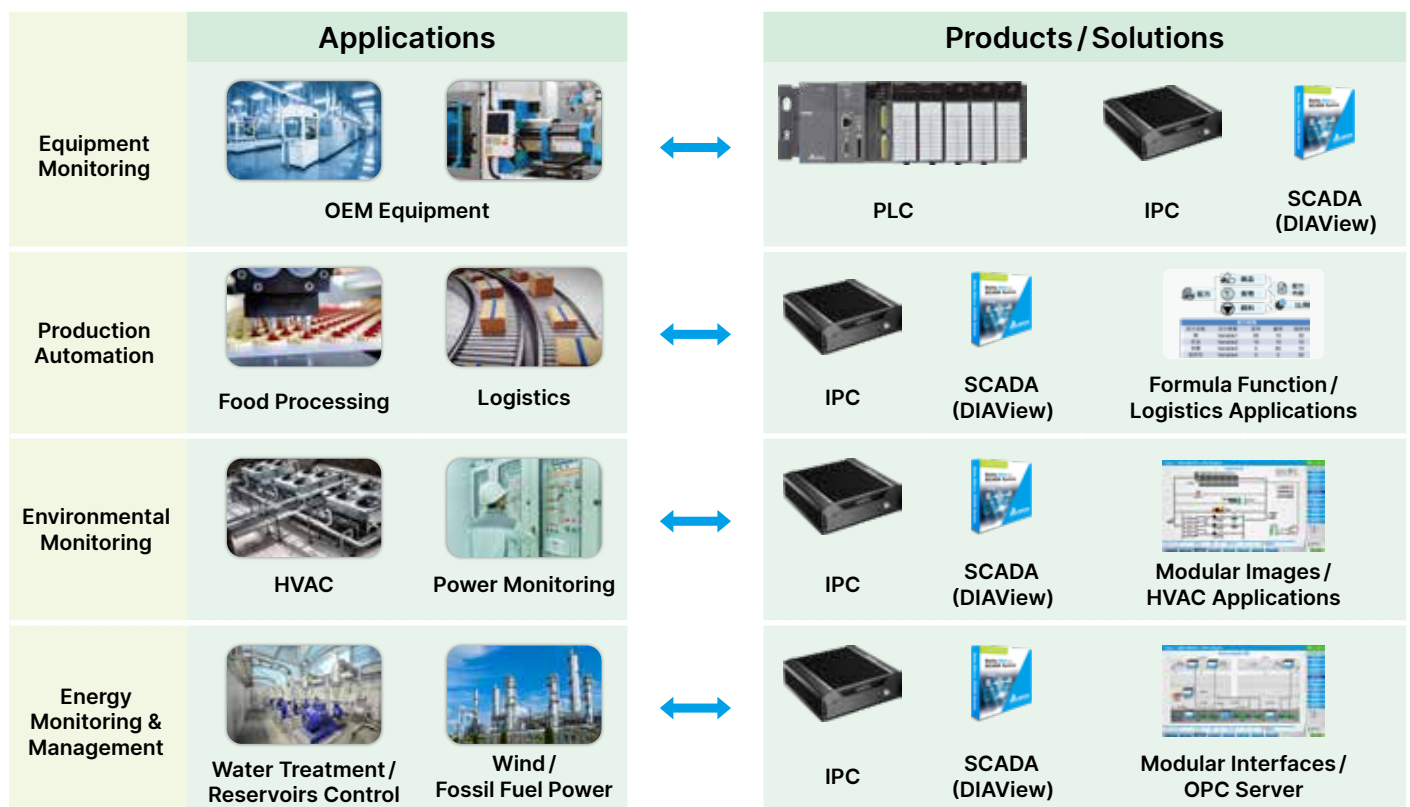
- Operating Temperature -20 °C ~ 60 °C
- Storage: 1×256/512 GB mSata SSD
- Memory: Built-in 4/8 GB; Max. capacity: 32 GB

Advanced Type

- 8th Gen Intel® Core i3/i5/i7
- Fanless system
- Supports 1×VGA; 1×HDMI

- Expansion slot: 1×PCI and 1×PCIex16
- Operating Temperature -10 °C ~ 60 °C
- Storage: 1×256/512 GB Sata III SSD
- Memory: Built-in 8 GB; Max. capacity: 32 GB

Integration with SCADA System for Industrial Applications



Specifications

Model		Embedded Type	Basic Type	Standard Type	Advanced Type
		IPC-E200 Series	DIAPH-IPC00J Series	DIAPH-IPC003 / 5 Series	IPC-A300 Series
Processor System	CPU	Intel® Celeron N3350	Intel® Celeron J1900	8 th Gen Intel® Core i3 / i5	8 th Gen Intel® Core i3 / i5 / i7
	Core Number	2	4	2	2 (i3) / 4 (i5 / i7)
Memory	Socket	1 × SO-DIMM			2 × SO-DIMM
	Technology	DDR3L	DDR3L	DDR4	DDR4
	Standard Capacity	4 GB	4 / 8 GB	4 / 8 GB	8 GB
	Max Capacity	8 GB	8 GB	32 GB	32 GB
Storage	Interface	1 × Half-size mSata	1 × Full-size mSata	1 × Full-size mSata	2 × 2.5" Sata III
	Standard Capacity	64 GB	128 GB	256 / 512 GB	256 / 512 GB
System I / O	COM	1 × RS-232 / 422 / 485 Selected by BIOS	5 × RS-232 1 × RS-485	4 × RS-232 2 × RS-485	4 × RS-232 / 422 / 485 Selected by BIOS
	DIO	8-bit DIO Selected by BIOS, DB9 Connector	–	–	–
	USB	2 × USB2.0	5 × USB2.0 1 × USB3.0	2 × USB2.0 4 × USB3.0	4 × USB3.0
	Ethernet	2 × 10 / 100 / 1000 Mbps Ethernet			
	Display	1 × VGA	1 × HDMI / 1 × VGA		
	Audio	–	1 × Audio input / output		
Expansion	Mini-PCIe	1 × Full-size mini PCIe for wireless module			
	Riser Card	–	–	–	2 × PCI or 1 × PCI + 1 × PCIe x16
Environment	Anti-vibration	2 Grms @ 5 ~ 500 Hz	1 Grms @ 19 ~ 200 Hz		2 Grms @ 5 ~ 500 Hz
	Anti-shock	–	10g acceleration, 11 ms duration		–
	PC Operating Temperature	-20 °C ~ 70 °C with air flow	-20 °C ~ 60 °C with air flow		-10 °C ~ 60 °C with air flow
	Relative Humidity	-40 °C ~ 85 °C	-40 °C ~ 70 °C		-20 °C ~ 80 °C
	Relative Humidity	10 ~ 90% (non-condensing)	10 ~ 95% (non-condensing)		10 ~ 90% (non-condensing)
Mechanical	Dimensions (W × D × H)	31 × 100 × 125 mm	211.5 × 200 × 67 mm		147.5 × 230 × 147.5 mm
	Weight	0.3 / 0.5 kg	2.8 / 3.5 kg		4.4 / 5.4 kg
	Installation	DIN-rail	Wall Mount / Desktop		
Power Consumption	Input Voltage	12 ~ 24 V _{DC} Terminal block OVP (±20%) & reverse current protection	With power adapter: Input voltage: 100 ~ 240 V _{AC} Output voltage / current: 12 V _{DC} / 5A		With power adapter: Input voltage: 100 ~ 240 V _{AC} Output voltage / current: 24 V _{DC} / 5A
	Standby mode	17 W	7 W	10 W	28 W
Certifications		CE, FCC Class A	CE, FCC Class A, BSMI		CE, FCC Class A

Industrial Panel PC - PPC

(12-inch/15-inch/19-inch)

Intel® Celeron J1900

Model		New PPC-B212 Series	New PPC-B215 Series	New PPC-B219 Series
Processor System	CPU	Intel® Celeron J1900		
	Core Number	4		
Memory	Socket	1x SO-DIMM		
	Technology	DDR3L		
	Standard Capacity	8 GB		
	Max Capacity	8 GB		
Storage	Interface	M.2		
	Standard Capacity	128 GB		
Panel	Touch Panel	Multi-Point Capacitive touch (Glass)		
	Size	12.1 inch	15.6 inch	19 inch
	Resolution	1,280 × 800	1,920 × 1,080	1,440 × 900
	Brightness	500 cd/m ²	450 cd/m ²	250 cd/m ²
	Contrast	1200: 1	3000: 1	1000: 1
	Viewing Angle (H/V)	170°/170°	178°/178°	170°/160°
System I/O	COM	4 × RS-232		
	USB	3 × USB3.0, 1 × USB2.0		
	Ethernet	2 × 10/100/1000 Mbps Ethernet		
	Display	1 × HDMI/1 × VGA		
	Audio	1 × Audio input/output		
Expansion	Mini-PCIe	1 × Full-size mini PCIe for wireless module		
Environment	Anti-vibration	5 ~ 17 Hz / 1.0 mm amplitude; 19 ~ 200 Hz / 1.0 g acceleration		
	Anti-shock	10 g acceleration, 11 ms duration		
	Operating Temperature	-10°C ~ 50°C with air flow		
	Storage Temperature	-20°C ~ 70°C		
	Relative Humidity	10 ~ 95% (non-condensing)		
Mechanical	Dimensions (mm)	315.8 (W) 218 (H) 70 (D)	408 (W) 257.3 (H) 69.9 (D)	472.3 (W) 319.3 (H) 71.1 (D)
	Weight	2.8 kg / 4.2 kg	4.1 kg / 5.7 kg	6.0 kg / 7.5 kg
Power Consumption	Input Voltage	9 ~ 32 V _{DC} wide voltage input (Phoenix), Not include power adapter in the box, please select DC24 V power supply(recommend output Power 60W)		
	Standby Mode	11.4 W	20.5 W	12.7 W
Certifications		CE (EMC+LVD)		
		EN 55032:2015 / A1:2020		
		EN 55035:2017 / A11:2020		
		EN IEC 61000-3-2:2019+A1:2021		
		EN 61000-3-3:2013+A2:2021		
		IEC 61000-6-2 IEC 61000-6-4 EN IEC 62368-1:2020 / A11:2020		
		ROHS IEC 62321		
		FCC SDOC FCC PART 15B ANSI C63.4:2014		

Industrial Panel PC - PPC

(10-inch/12-inch/15-inch/17-inch/19-inch/21-inch)

Intel® Celeron J1900

Model		DIAVH-PPC10J Series	DIAVH-PPC12J Series	DIAVH-PPC15J Series	DIAVH-PPC17J Series	DIAVH-PPC19J Series	DIAVH-PPC21J Series
Processor System	CPU	Intel® Celeron J1900					
	Core Number	4					
Memory	Socket	1 × SO-DIMM					
	Technology	DDR3L					
	Standard Capacity	4/8 GB					
	Max Capacity	8 GB					
Storage	Interface	1 × Full-size mSata					
	Standard Capacity	128 GB					
Panel	Front Bezel	Aluminum alloy with IP65					
	Touch Panel	5-wire/resistive, USB interface					
	Size	10 inch	12 inch	15 inch	17 inch	19 inch	21 inch
	Resolution	1,024 × 768	1,024 × 768	1,024 × 768	1,280 × 1,024	1,440 × 900	1,920 × 1,080
	Brightness	350 cd/m ²	450 cd/m ²	300 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast	800: 1	700: 1	1500: 1	1000: 1	1000: 1	1000: 1
	Viewing Angle (H/V)	170°/170°	160°/160°	140°/140°	150°/140°	150°/140°	170°/160°
System I/O	COM	3 × RS-232, 1 × RS-485					
	GPIO	4-bit In/4-bit Out (DB9 Connector)		–	–	–	–
	USB	3 × USB2.0, 1 × USB3.0					
	Ethernet	2 × 10/100/1,000 Mbps Ethernet					
	Display	1 × HDMI/1 × VGA					
	Audio	1 × Audio input/output					
Expansion	Mini-PCIe	1 × Full-size mini PCIe for wireless module					
Environment	Anti-vibration	1Grms @ 19~200Hz					
	Anti-shock	10g acceleration, 11ms duration					
	PC Operating Temperature	-10 °C ~ 50 °C with air flow					
	Storage Temperature	-20 °C ~ 60 °C					
	Relative Humidity	10 ~ 95% (non-condensing)					
Mechanical	Dimensions (mm)	258 (W) 198 (H) 57.5 (D)	317 (W) 246 (H) 65.7 (D)	380 (W) 300 (H) 59 (D)	400 (W) 320 (H) 59 (D)	475 (W) 308 (H) 57 (D)	472.3 (W) 319.3 (H) 71.1 (D)
	Weight	2.8/4.0 kg	4.3/5.7 kg	5.2/6.8 kg	6.1/8.0 kg	7.3/8.3 kg	7.5/8.5 kg
Power Consumption	Input Voltage	With power adapter: Input Voltage: 100 ~ 240 V _{AC} ; Output Voltage/Current: 12 V _{DC} /5A, not include power adapter in the box					
	Standby Mode	10 W	15 W	11 W	11 W	13 W	16 W
Certifications		CE, FCC Class A, BSMI				CE, FCC Class A	

Industrial Panel PC - PPC

(12-inch / 15-inch / 19-inch)

Intel® Core i5 Series

Model		New PPC-S312 Series	New PPC-S315 Series	New PPC-S319 Series
Processor System	CPU	8 th Intel® Core i5		
	Core Number	4		
Memory	Technology	On Board 8 GB LPDDR3		
	Standard Capacity	8 GB		
Storage	Interface	M.2		
	Standard Capacity	256 / 512 GB		
Panel	Touch Panel	Multi-Point Capacitive touch (Glass)		
	Size	12.1 inch	15.6 inch	19 inch
	Resolution	1,280 × 800	1,920 × 1,080	1,440 × 900
	Brightness	500 cd / m ²	450 cd / m ²	250 cd / m ²
	Contrast	1200: 1	3000: 1	1000: 1
	Viewing angle (H / V)	170° / 170°	178° / 178°	170° / 160°
System I / O	COM	4 × RS-232		
	USB	3 × USB3.0, 1 × USB2.0		
	Ethernet	2 × 10 / 100 / 1000 Mbps Ethernet		
	Display	1 × HDMI 1 × VGA		
	Audio	1x Audio input / output		
Expansion	Mini-PCle	1 × Full-size mini PCle for wireless module		
Environment	Anti-vibration	5-17Hz / 1.0 mm amplitude; 19 ~ 200Hz / 1.0 g acceleration		
	Anti-shock	10g acceleration, 11 ms duration		
	PC Operating Temperature	-10°C ~ 50°C with air flow		
	Storage Temperature	-20°C ~ 70°C		
	Relative Humidity	10 ~ 95% (non-condensing)		
Mechanical	Dimensions (mm)	315.8 (W) 218 (H) 70 (D)	408 (W) 257.3 (H) 69.9 (D)	472.3 (W) 319.3 (H) 71.1 (D)
	Weight	3.0 kg / 4.4 kg	4.3 kg / 5.9 kg	6.0 kg / 7.5 kg
Power Consumption	Input Voltage	12 ~ 28 V _{DC} wide voltage input (Phoenix), Not include power adapter in the box, please select DC24 V power supply(recommend Output Power 90 W)		
	Standby Mode	16.2 W	23.8 W	16.5 W
Certifications		CE(EMC+LVD) EN 55032:2015 / A1:2020 EN 55035:2017 / A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 IEC 61000-6-2 IEC 61000-6-4 EN IEC 62368-1:2020 / A11:2020 ROHS IEC 62321 FCC SDOC FCC PART 15B ANSI C63.4:2014		

Industrial Panel PC - PPC

(15-inch/17-inch/19-inch/21-inch)

Intel® Core i3/i5 Series

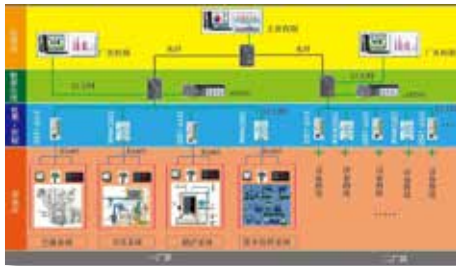
Model		DIAPH-PPC15x Series	DIAPH-PPC17x Series	DIAPH-PPC19x Series	DIAPH-PPC21x Series
Processor System	CPU	8 th Gen Intel® Core i3/i5			
	Core Number	2			
Memory	Socket	1 × SO-DIMM			
	Technology	DDR4			
	Standard Capacity	4/8 GB			
	Max Capacity	32 GB			
Storage	Interface	1 × Full-size mSata			
	Standard Capacity	256/512 GB			
Panel	Front Bezel	Aluminum alloy with IP65			
	Touch Panel	5-wire/resistive, USB interface			
	Size	15 inch	17 inch	19 inch	21 inch
	Resolution	1,024 × 768	1,280 × 1,024	1,440 × 900	1,920 × 1,080
	Brightness	300 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²
	Contrast	1500: 1	1000: 1	1000: 1	1000: 1
	Viewing angle (H/V)	140°/140°	150°/140°	150°/140°	170°/160°
System I/O	COM	3 × RS-232, 1 × RS-485			
	USB	4x USB3.0			
	Ethernet	2 × 10/100/1000 Mbps Ethernet			
	Display	1 × HDMI/1 × VGA			
	Audio	1 × Audio input/output			
Expansion	Mini-PCIe	1 × Full-size mini PCIe for wireless module			
Environment	Anti-vibration	1 Grms @ 19 ~ 200 Hz			
	Anti-shock	10 g acceleration, 11 ms duration			
	PC Operating Temperature	-10 °C ~ 50 °C with air flow			
	Storage Temperature	-20 °C ~ 60 °C			
	Relative Humidity	10 ~ 95% (non-condensing)			
Mechanical	Dimensions (mm)	380 (W) 300 (H) 59 (D)	400 (W) 320 (H) 59 (D)	475 (W) 308 (H) 57 (D)	525 (W) 316 (H) 57 (D)
	Weight	5.2/6.8 kg	6.1/8.0 kg	7.3/8.8 kg	7.5/8.3 kg
Power Consumption	Input Voltage	With power adapter: Input voltage: 100 ~ 240 V _{AC} ; Output voltage/current: 12 V _{DC} /5A			
	Standby Mode	10 W	16 W	20 W	20 W
Certifications		CE, FCC Class A, BSMI	CE, FCC Class A	CE, FCC Class A, BSMI	CE, FCC Class A



Applications

Factory Digitalization

- Factory data acquisition, process control and management
- Data Information Storage and analysis, realizing distributed system calculation



Factory Digitalization



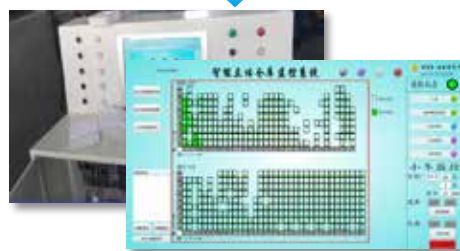
Factory Equipment Monitoring

Logistic Application: Transportation and Stereoscopic Warehouse

- Material storage arrangement according to database; material load/unload via barcode scanning
- Enhances material storage management/load/unload efficiency, saving space, and reducing manpower



Warehousing System



Warehouse Monitoring



Inspection & Monitoring of Electronic Equipment

- Connects PLCs and inspection equipment for routine inspection, realizing powerful group control
- Records daily production, yield rate, and provides inquiry functions



Electronic Inspection Equipment



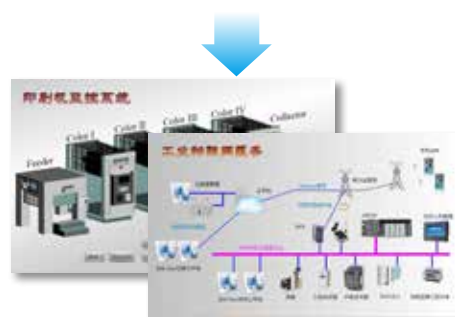
Inspection and Monitoring Interfaces

Equipment Monitoring System

- Achieves real-time remote monitoring of machine operating status
- Allows device suppliers to remotely lock/unlock devices for flexible management

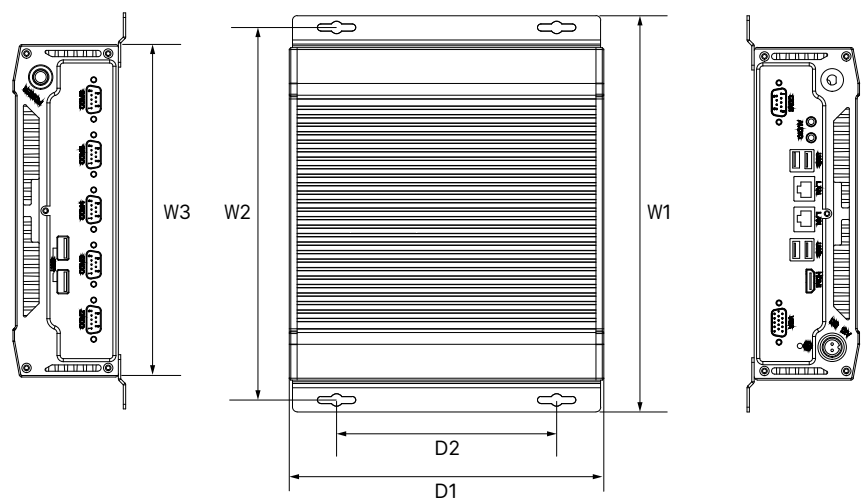


Total Configuration of Equipment Monitoring

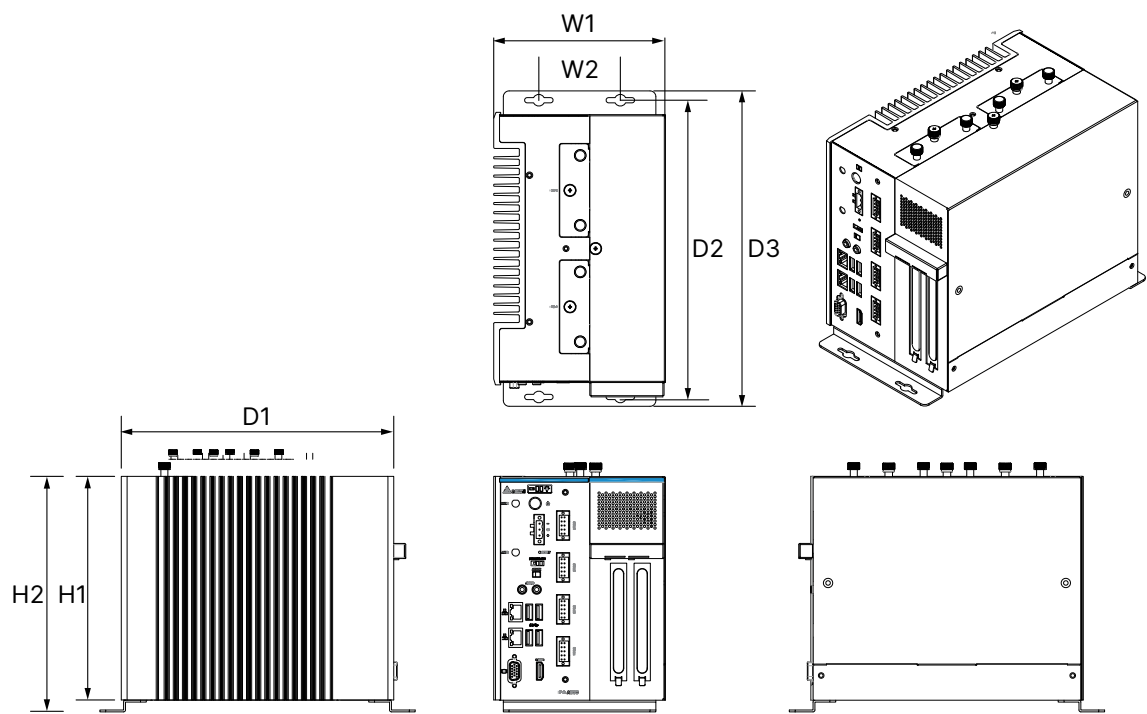


Equipment Remote Monitoring

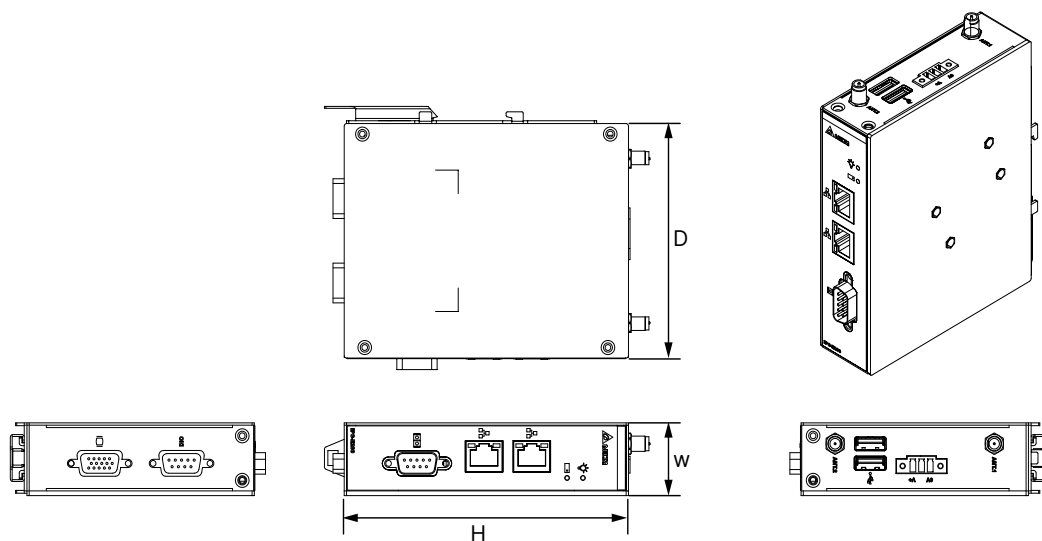
Dimensions Unit: mm



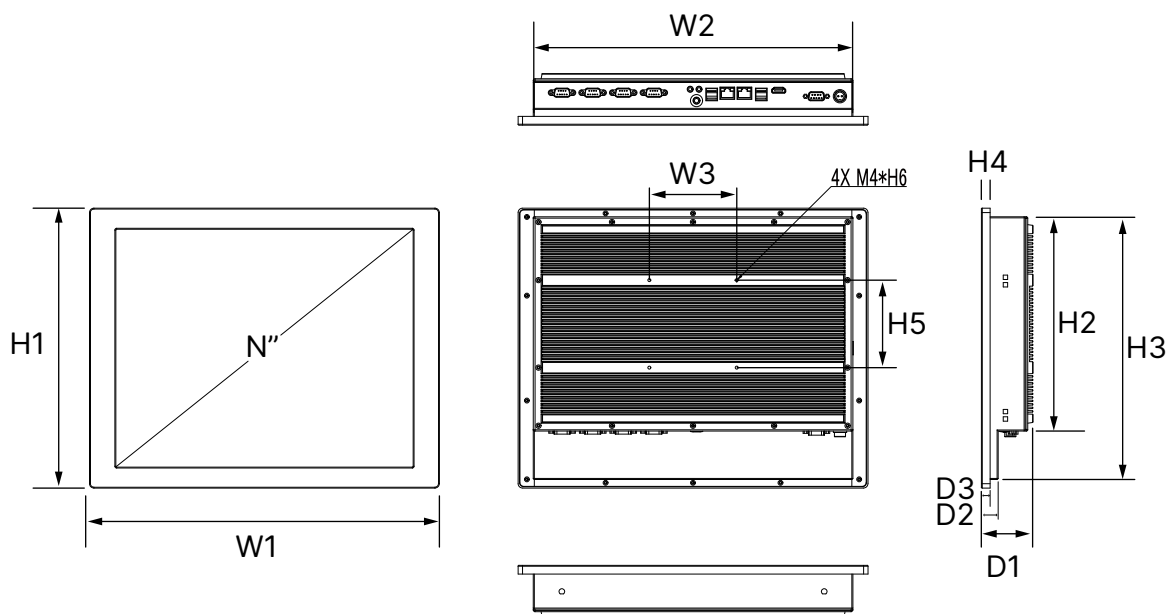
Model	W (mm)			D (mm)		H (mm)	
	W1	W2	W3	D1	D2	H1	H2
DIAVH-IPC00 Series	211.5	236.9	251.9	200	140	67	71.6



Model	W (mm)		D (mm)			H (mm)	
	W1	W2	D1	D2	D3	H1	H2
DIAVH-A300 Series	147.5	70	230	254.8	270.8	192	202.2



Model	W (mm)	D (mm)	H (mm)
IPC-E200 Series	31	100	125



Model	inch	W (mm)			D (mm)			H (mm)				
	N''	W ₁	W ₂	W ₃	D ₁	D ₂	D ₃	H ₁	H ₂	H ₃	H ₄	H ₅
PPC-B212/S312 Series New	12.1	315.8	302.1	100	70	17	5.5	218	150	204.3	26.85	100
PPC-B215/S315 Series New	15.6	408	393.4	100	69.9	16.9	5.5	257.3	210	242.6	18.35	100
PPC-B219/S319 Series New	19	472.3	458.6	100	71.1	17.6	5.4	319.3	210	305.6	36.9	100
DIAVH-PPC10 Series	10	258	239.8	100	57.5	-	10	198	148.4	-	10.5	100
DIAVH-PPC12 Series	12	317	306	100	65.7	13	6	246	190	235	5.5	100
DIAVH-PPC15 Series	15	380	348.8	100	59	19.2	10	300	228.4	268.4	15.8	100
DIAVH-PPC17 Series	17	400	365.4	100	59	19.2	10	320	245	300.4	9.8	100
DIAVH-PPC19 Series	19	475	440.4	100	57	21.2	10	308	245	288.4	9.8	100
DIAVH-PPC21 Series	21	525	499.4	100	57	19.5	9.5	316	245	296	10	100

Ordering Information

Product		Model Name	Description	Specifications								
				CPU	Memory	Storage	COM	LAN	USB	PCI Expansion	Operating System	
IPC	Embedded Type	IPC-E200-N32202E00	Industrial Fanless Computer	Intel® Celeron N3350	4 GB RAM	64 GB SSD	1	1	2		Win10 IOT	
		IPC-E200-N32202000									IPC hardware only	
	Basic Type	DIAVH-IPC00J104		Intel® Celeron J1900	4 GB RAM	128 GB SSD	6	2	6		Win10-Professional	
		DIAVH-IPC00J103									IPC hardware only	
		DIAVH-IPC00J114			8 GB RAM	Win10-Professional						
		DIAVH-IPC00J113				IPC hardware only						
	Standard Type	DIAVH-IPC003104A		Intel® Core i3	4 GB RAM	256 GB SSD	6	2	6		Win10-Professional	
		DIAVH-IPC003103A			8 GB RAM						IPC hardware only	
		DIAVH-IPC003114A									Win10-Professional	
		DIAVH-IPC003113A			IPC hardware only							
		DIAVH-IPC005104A		Intel® Core i5	4 GB RAM	Win10-Professional						
		DIAVH-IPC005103A			8 GB RAM	IPC hardware only						
		DIAVH-IPC005114A				Win10-Professional						
		DIAVH-IPC005113A			IPC hardware only							
		DIAVH-IPC003104		Intel® Core i3	4 GB RAM	512 GB SSD					Win10-Professional	
		DIAVH-IPC003103			8 GB RAM						IPC hardware only	
		DIAVH-IPC003114									Win10-Professional	
		DIAVH-IPC003113			IPC hardware only							
		DIAVH-IPC005104		Intel® Core i5	4 GB RAM	Win10-Professional						
		DIAVH-IPC005103			8 GB RAM	IPC hardware only						
		DIAVH-IPC005114				Win10-Professional						
		DIAVH-IPC005113			IPC hardware only							
	Advanced Type	IPC-A300-I334A2E00		Intel® Core i3		256 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I334A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I334B2E00										Win10-Enterprise
		IPC-A300-I334B2000										IPC hardware only
		IPC-A300-I534A2E00		Intel® Core i5		256 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I534A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I534B2E00										Win10-Enterprise
		IPC-A300-I534B2000										IPC hardware only
		IPC-A300-I734A2E00		Intel® Core i7		256 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I734A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I734B2E00										Win10-Enterprise
		IPC-A300-I734B2000										IPC hardware only
		IPC-A300-I335A2E00		Intel® Core i3	8 GB RAM	512 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I335A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I335B2E00										Win10-Enterprise
		IPC-A300-I335B2000										IPC hardware only
		IPC-A300-I535A2E00		Intel® Core i5		512 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I535A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I535B2E00										Win10-Enterprise
		IPC-A300-I535B2000										IPC hardware only
		IPC-A300-I735A2E00		Intel® Core i7		512 GB SSD	4	2	6	2 × PCI	Win10-Enterprise	
		IPC-A300-I735A2000									1 × PCI + 1 × PCIe x16	IPC hardware only
		IPC-A300-I735B2E00										Win10-Enterprise
		IPC-A300-I735B2000										IPC hardware only

Product		Model Name	Description	Specification						
				CPU	Size	Memory	Storage	COM	LAN	USB
PPC	Basic Type	New PPC-B212-J93301E00	Fanless Capacitive Touch Screen Panel PC	Intel® Celeron J1900	12.1-inch	128 GB SSD	4	2	4	Win10 IoT
		New PPC-B212-J93301000								PPC hardware only
		New PPC-B215-J93301E00								Win10 IoT
		New PPC-B215-J93301000			PPC hardware only					
		New PPC-B219-J93301E00			Win10 IoT					
		New PPC-B219-J93301000			PPC hardware only					
	Standard Type	New PPC-S312-I53401E00	Intel® Core i5	12.1-inch	8 GB RAM	256 GB SSD	4	2	4	Win10 IoT
		New PPC-S312-I53401000								PPC hardware only
		New PPC-S315-I53401E00								Win10 IoT
		New PPC-S315-I53401000		PPC hardware only						
		New PPC-S319-I53401E00		Win10 IoT						
		New PPC-S319-I53401000		PPC hardware only						
		New PPC-S312-I53501E00		512 GB SSD	Win10 IoT					
		New PPC-S312-I53501000			PPC hardware only					
		New PPC-S315-I53501E00			Win10 IoT					
		New PPC-S315-I53501000			PPC hardware only					
		New PPC-S319-I53501E00			Win10 IoT					
		New PPC-S319-I53501000			PPC hardware only					

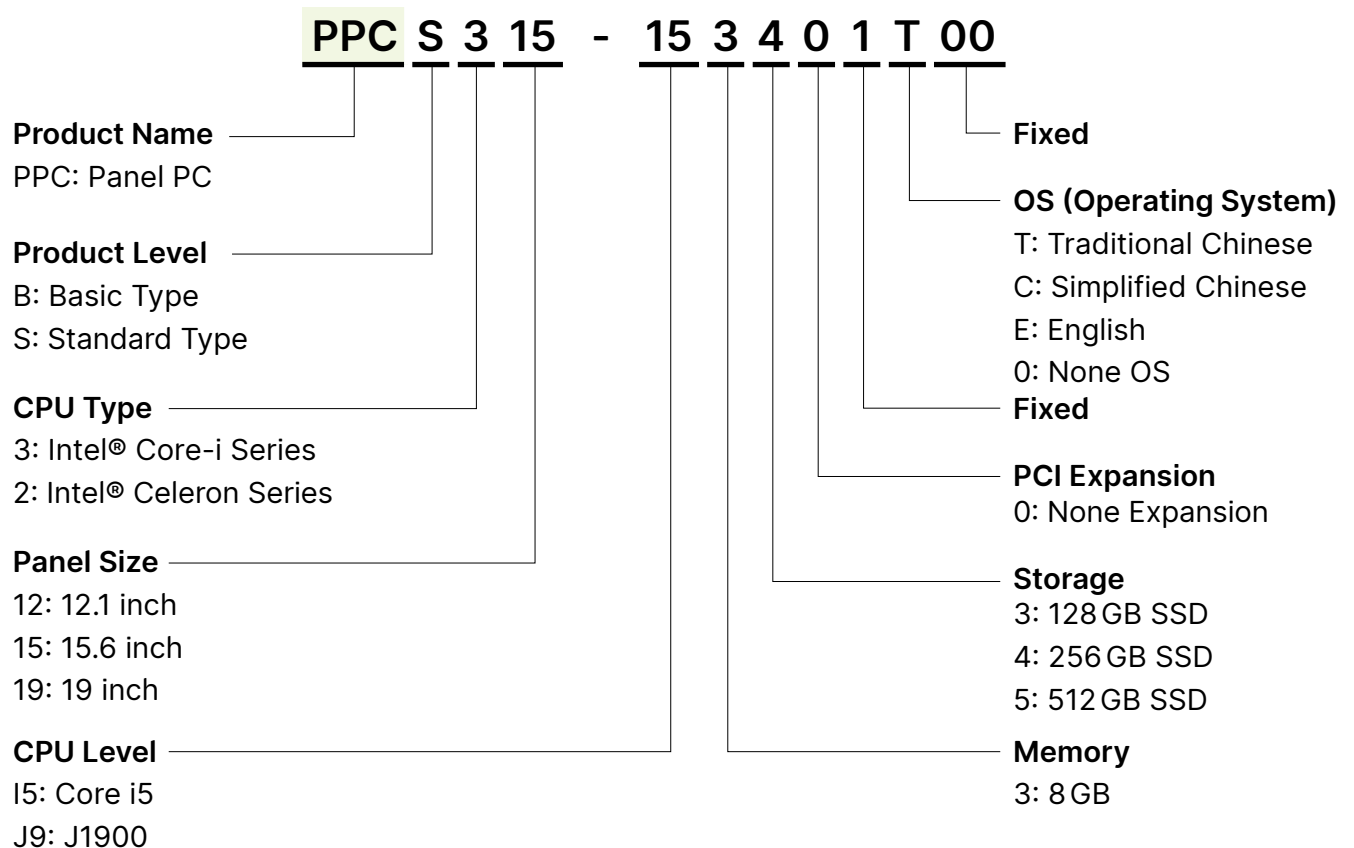
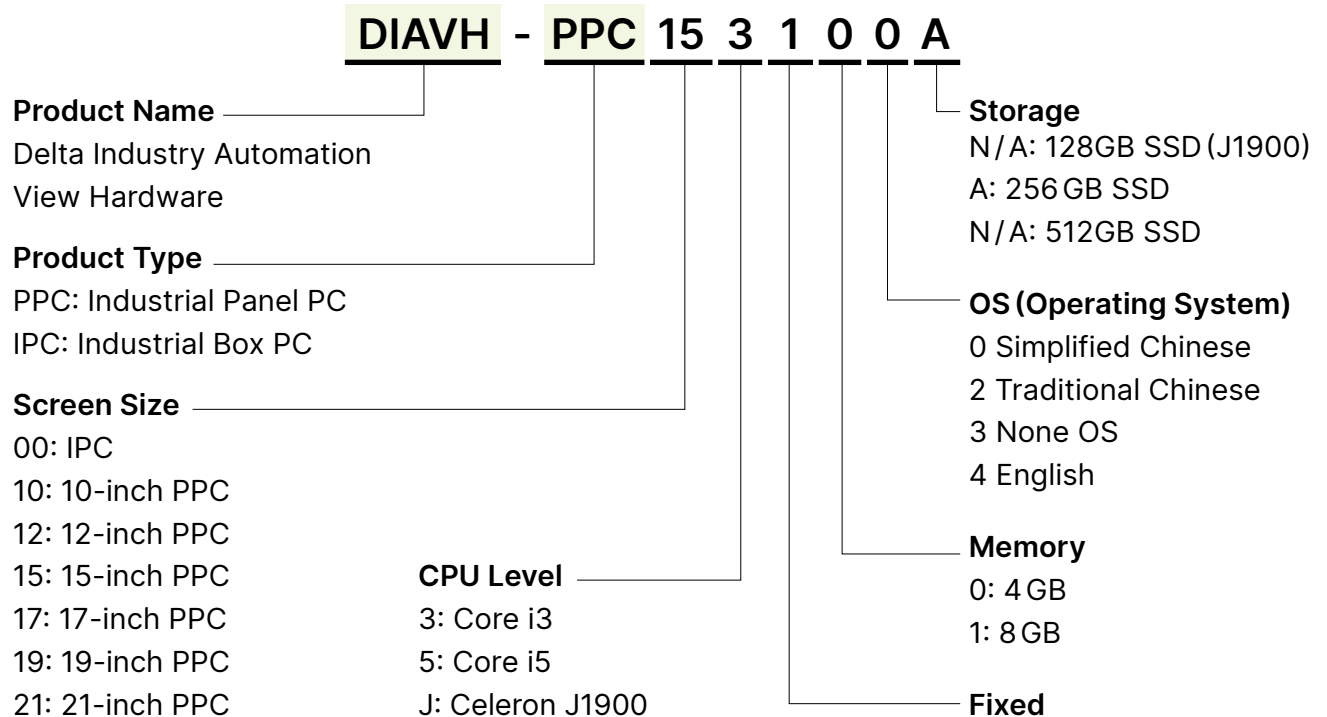
Ordering Information

Product		Model Name	Description	Specifications							
				CPU	Size	Memory	Storage	COM	LAN	USB	Operating System
PPC	Basic Type	DIAVH-PPC10J104	Fanless Resistive Touch screen Panel PC	Intel® Celeron J1900	10- inch	4 GB RAM	128 GB SSD	4	2	4	Win10-Professional
		PPC hardware only									
		8 GB RAM				Win10-Professional					
						PPC hardware only					
		12- inch			4 GB RAM	Win10-Professional					
					PPC hardware only						
					8 GB RAM	Win10-Professional					
						PPC hardware only					
		15- inch			4 GB RAM	Win10-Professional					
					PPC hardware only						
					8 GB RAM	Win10-Professional					
						PPC hardware only					
		17- inch			4 GB RAM	Win10-Professional					
					PPC hardware only						
					8 GB RAM	Win10-Professional					
						PPC hardware only					
		19- inch			4 GB RAM	Win10-Professional					
					PPC hardware only						
					8 GB RAM	Win10-Professional					
						PPC hardware only					
		21- inch			4 GB RAM	Win10-Professional					
					PPC hardware only						
					8 GB RAM	Win10-Professional					
						PPC hardware only					
	Standard Type	DIAVH-PPC153104A	Intel® Core i3	15- inch	4 GB RAM	256 GB SSD	Win10-Professional				
		PPC hardware only									
		8 GB RAM			Win10-Professional						
					PPC hardware only						
		Intel® Core i5		4 GB RAM	Win10-Professional						
				PPC hardware only							
				8 GB RAM	Win10-Professional						
					PPC hardware only						
		Intel® Core i3		4 GB RAM	Win10-Professional						
				PPC hardware only							
				8 GB RAM	Win10-Professional						
					PPC hardware only						
Intel® Core i5	4 GB RAM	Win10-Professional									
	PPC hardware only										
	8 GB RAM	Win10-Professional									
		PPC hardware only									
Intel® Core i3	4 GB RAM	Win10-Professional									
	PPC hardware only										
	8 GB RAM	Win10-Professional									
		PPC hardware only									
	19- inch	4 GB RAM	Win10-Professional								
		PPC hardware only									
		8 GB RAM	Win10-Professional								
			PPC hardware only								

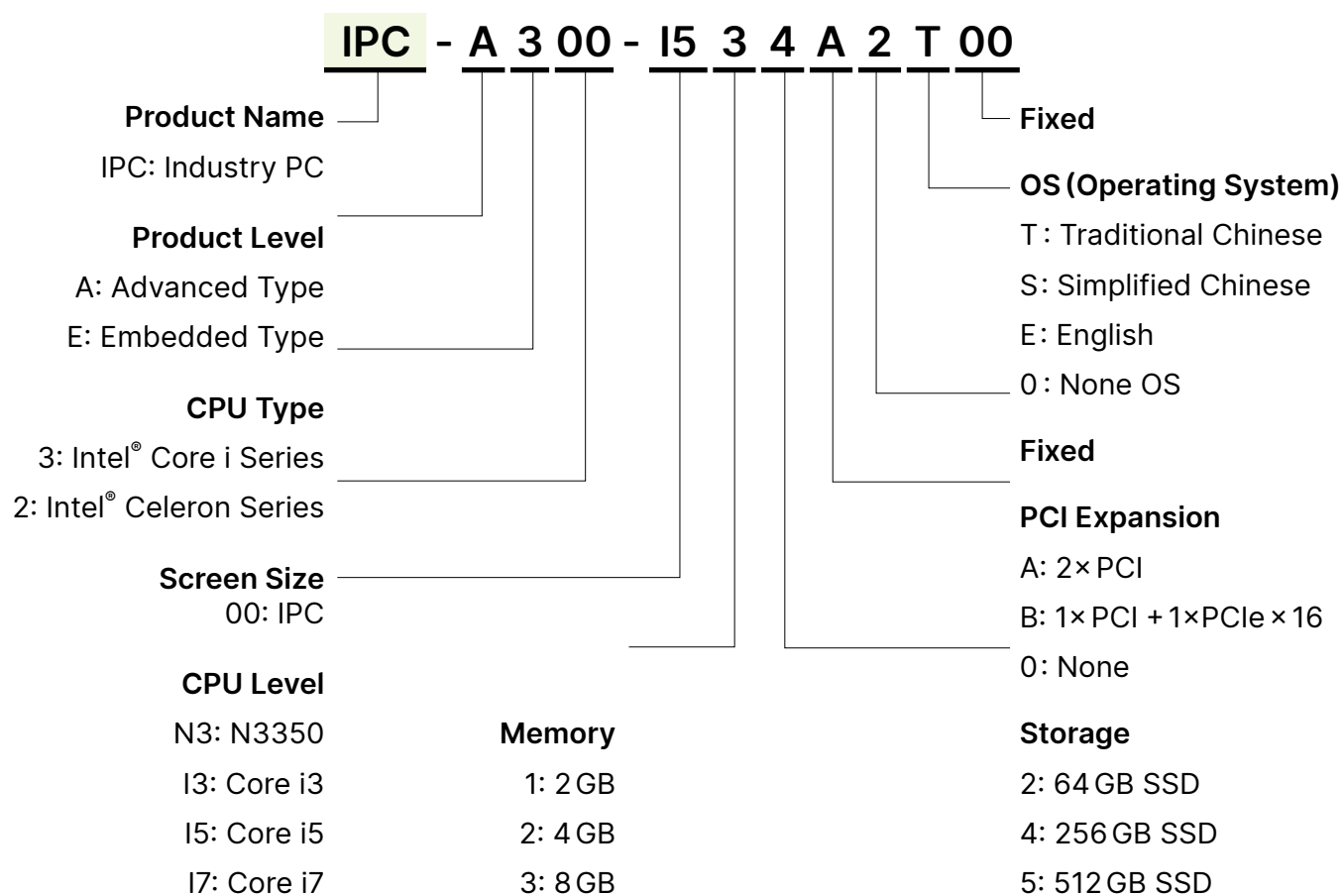
Product		Model Name	Description	Specifications							
				CPU	Size	Memory	Storage	COM	LAN	USB	Operating System
PPC	Standard Type	DIAVH-PPC195104A	Fanless Resistive Touch Screen Panel PC	Intel® Core i5	19-inch	4 GB RAM	256 GB SSD	4	2	4	Win10-Professional
		PPC hardware only									
		Win10-Professional									
		DIAVH-PPC195103A		PPC hardware only							
		DIAVH-PPC195114A		Win10-Professional							
		DIAVH-PPC195113A		PPC hardware only							
		DIAVH-PPC213104A		Win10-Professional							
		DIAVH-PPC213103A		PPC hardware only							
		DIAVH-PPC213114A		Win10-Professional							
		DIAVH-PPC213113A		PPC hardware only							
		DIAVH-PPC215104A		Win10-Professional							
		DIAVH-PPC215103A		PPC hardware only							
		DIAVH-PPC215113A		Win10-Professional							
		DIAVH-PPC215114A		PPC hardware only							
		DIAVH-PPC153104		Win10-Professional							
		DIAVH-PPC153103		PPC hardware only							
		DIAVH-PPC153114		Win10-Professional							
		DIAVH-PPC153113		PPC hardware only							
		DIAVH-PPC155104		Win10-Professional							
		DIAVH-PPC155103		PPC hardware only							
		DIAVH-PPC155114		Win10-Professional							
		DIAVH-PPC155113		PPC hardware only							
		DIAVH-PPC173104		Win10-Professional							
		DIAVH-PPC173103		PPC hardware only							
		DIAVH-PPC173114		Win10-Professional							
		DIAVH-PPC173113		PPC hardware only							
		DIAVH-PPC175104		Win10-Professional							
		DIAVH-PPC175103		PPC hardware only							
		DIAVH-PPC175114		Win10-Professional							
		DIAVH-PPC175113		PPC hardware only							
		DIAVH-PPC193104		Win10-Professional							
		DIAVH-PPC193103		PPC hardware only							
		DIAVH-PPC193114		Win10-Professional							
DIAVH-PPC193113	PPC hardware only										
DIAVH-PPC195104	Win10-Professional										
DIAVH-PPC195103	PPC hardware only										
DIAVH-PPC195114	Win10-Professional										
DIAVH-PPC195113	PPC hardware only										
DIAVH-PPC213104	Win10-Professional										
DIAVH-PPC213103	PPC hardware only										
DIAVH-PPC213114	Win10-Professional										
DIAVH-PPC213113	PPC hardware only										
DIAVH-PPC215104	Win10-Professional										
DIAVH-PPC215103	PPC hardware only										
DIAVH-PPC215114	Win10-Professional										
DIAVH-PPC215113	PPC hardware only										

Model Information

Basic Type / Standard Type



Embedded Type / Advanced Type





Smarter. Greener. Together.

Industrial Automation Headquarters

Taiwan: Delta Electronics, Inc.

Taoyuan Technology Center
No.18, Xinglong Rd., Taoyuan District,
Taoyuan City 33068, Taiwan
TEL: +886-3-362-6301 / FAX: +886-3-371-6301

Asia

China: Delta Electronics (Shanghai) Co., Ltd.

No.182 Minyu Rd., Pudong Shanghai, P.R.C.
Post code : 201209
TEL: +86-21-6872-3988 / FAX: +86-21-6872-3996
Customer Service: 400-820-9595

Japan: Delta Electronics (Japan), Inc.

Industrial Automation Sales Department
2-1-14 Shibadaimon, Minato-ku
Tokyo, Japan 105-0012
TEL: +81-3-5733-1155 / FAX: +81-3-5733-1255

Korea: Delta Electronics (Korea), Inc.

1511, 219, Gasan Digital 1-Ro., Geumcheon-gu,
Seoul, 08501 South Korea
TEL: +82-2-515-5305 / FAX: +82-2-515-5302

Singapore: Delta Energy Systems (Singapore) Pte Ltd.

4 Kaki Bukit Avenue 1, #05-04, Singapore 417939
TEL: +65-6747-5155 / FAX: +65-6744-9228

India: Delta Electronics (India) Pvt. Ltd.

Plot No.43, Sector 35, HSIIDC Gurgaon,
PIN 122001, Haryana, India
TEL: +91-124-4874900 / FAX: +91-124-4874945

Thailand: Delta Electronics (Thailand) PCL.

909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z),
Pattana 1 Rd., T.Phraksa, A.Muang,
Samutprakarn 10280, Thailand
TEL: +66-2709-2800 / FAX: +66-2709-2827

Australia: Delta Electronics (Australia) Pty Ltd.

Unit 2, Building A, 18-24 Ricketts Road,
Mount Waverley, Victoria 3149 Australia
Mail: IA.au@deltaww.com
TEL: +61-1300-335-823 / +61-3-9543-3720

Americas

USA: Delta Electronics (Americas) Ltd.

5101 Davis Drive, Research Triangle Park, NC 27709, U.S.A.
TEL: +1-919-767-3813

Brazil: Delta Electronics Brazil Ltd.

Estrada Velha Rio-São Paulo, 5300 Eugênio de
Melo - São José dos Campos CEP: 12247-004 - SP - Brazil
TEL: +55-12-3932-2300 / FAX: +55-12-3932-237

Mexico: Delta Electronics International Mexico S.A. de C.V.

Gustavo Baz No. 309 Edificio E PB 103
Colonia La Loma, CP 54060
Tlalnepantla, Estado de México
TEL: +52-55-3603-9200

EMEA

EMEA Headquarters: Delta Electronics (Netherlands) B.V.

Sales: Sales.IA.EMEA@deltaww.com
Marketing: Marketing.IA.EMEA@deltaww.com
Technical Support: iatechnicalsupport@deltaww.com
Customer Support: Customer-Support@deltaww.com
Service: Service.IA.emea@deltaww.com
TEL: +31(0)40 800 3900

BENELUX: Delta Electronics (Netherlands) B.V.

Automotive Campus 260, 5708 JZ Helmond, The Netherlands
Mail: Sales.IA.Benelux@deltaww.com
TEL: +31(0)40 800 3900

DACH: Delta Electronics (Netherlands) B.V.

Coesterweg 45, D-59494 Soest, Germany
Mail: Sales.IA.DACH@deltaww.com
TEL: +49 2921 987 238

France: Delta Electronics (France) S.A.

ZI du bois Challand 2, 15 rue des Pyrénées,
Lisses, 91090 Evry Cedex, France
Mail: Sales.IA.FR@deltaww.com
TEL: +33(0)1 69 77 82 60

Iberia: Delta Electronics Solutions (Spain) S.L.U

Ctra. De Villaverde a Vallecas, 265 1º Dcha Ed.
Hormigueras - P.I. de Vallecas 28031 Madrid
TEL: +34(0)91 223 74 20
Carrer Llacuna 166, 08018 Barcelona, Spain
Mail: Sales.IA.Iberia@deltaww.com

Italy: Delta Electronics (Italy) S.r.l.

Via Meda 2-22060 Novedrate(CO)
Piazza Grazioli 18 00186 Roma Italy
Mail: Sales.IA.Italy@deltaww.com
TEL: +39 039 8900365

Turkey: Delta Greentech Elektronik San. Ltd. Sti. (Turkey)

Şerifali Mah. Hendem Cad. Kule Sok. No:16-A
34775 Ümraniye - İstanbul
Mail: Sales.IA.Turkey@deltaww.com
TEL: + 90 216 499 9910

MEA: Eltek Dubai (Eltek MEA DMCC)

OFFICE 2504, 25th Floor, Saba Tower 1,
Jumeirah Lakes Towers, Dubai, UAE
Mail: Sales.IA.MEA@deltaww.com
TEL: +971(0)4 2690148