

VISION

5XX(P) 6XX(P) 9XX(P)



Aluminum Die-Casting Chassis
Fanless Design
Easily Accessible Storage Design
Flat Front Panel Design
Expansion slot support

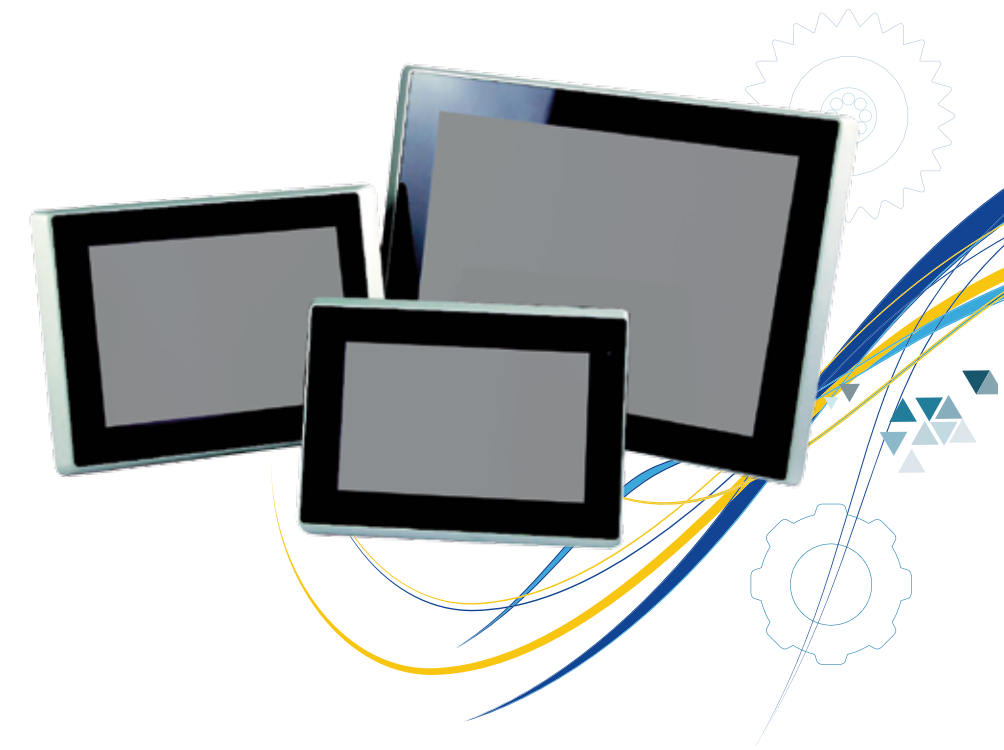


VISION-5XX(P)

**PC Based
Industrial Compact Size HMI**

**Intel Atom Cedar View
N2600/D2550 Platform**

Intel Atom Dual Core Processors
Fanless Design
Build in DDR3 2GB/4GB Memory
Support Resistive Touch and PCT
Wide Range DC 9~36V Power Input



About Features



Aluminum Die-Casting Chassis
Fanless Design



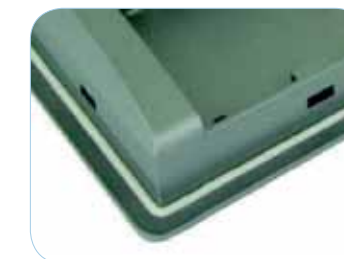
Easily Accessible Storage Design



Front panel meets IP65 standard
Flat Front Panel Design



Expansion slot support



Panel Mounting
VESA 75 x 75/100 x 100 Mounting



Wide Range
DC 9~36V Power Input

VISION-5XX(P)

Intel Atom Cedar View N2600/D2550 Platform

Specifications



Model Name	VISION 507 (P)	VISION 508 (P)	VISION-510 (P)
System			
Processor	Intel Atom N2600 Dual Core 1.6GHz Processor	Intel Atom N2600 Dual Core 1.6GHz Processor	Intel Atom N2600 Dual Core 1.6GHz Processor (D2550 for option)
System Chipset	Intel NM10		
System Memory	On Board 2GB DDR3	On Board 2GB DDR3	On Board 2GB DDR3/ 4GB for option
External I/O			
USB	2 x USB 2.0 type A, USB4/5		
Serial/Parallel	1 x S-232/422/485 COM1, DB-9 Default RS-232 1 x RS-232, DB-9 COM2		
LAN	2 x RJ-45 GbE		
Audio	1 x phone jack Line out		
Power connector	3 Pins Terminal Block Connector		
Storage Space			
HDD	1 x 1.8" Half Size of 1.8" SATA2 (MD-297)	1 x 1.8" Half Size of 1.8" SATA2 (MD-297)	1 x 2.5" SATA2
Movable device	1 x SD slot		
Expansion			
On board expansion bus	1 x Internal Mini PCIe Slot (Half Size)		
Display			
Display type	7" TFT-LCD	8" TFT-LCD	10.1" TFT-LCD
Max. resolution	800 x 480	800 x 600	1280 x 800
Max. color	262K	262K	262K
Luminance(cd/m ²)	350	350	300
View angle(H°/V°)	140/110	140/125	160/160
Backlight lifetime(hrs)	40000	40000	40000
Touch Screen			
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)		
Interface	RS-232(Resistive Touch Window) USB(Projected Capacitive Touch)		
Light transmission(%)	Resistive touch window: 80% Projected Capacitive Touch: 90%		
Power			
Power input	9~36V DC		
Power Consumption	VISION 507: Max:12.8W VISION 507 (P): Max:13.0W	VISION 508: Max:15.2W VISION 508 (P): Max:15.2W	VISION-510: Max:1 1W VISION-510 (P): Max:1 1W
Mechanical			
Construction	Aluminum Die-casting Front Bezel and Chassis		
IP rating	IP65 Compliant Front Bezel		
Mounting	Panel Mounting, VESA 75 x 75		Panel Mounting, VESA 100 x 100
Dimension(mm)	202 x 149 x 40	231 x 176 x 50	285 x 189 x 48.9
Net weight(kg)	1.2	1.8	2.1
Environment			
Operating temperature(°C)	0~50		
Storage temperature(°C)	-20~60		
Storage humidity	10% to 90% @40°C Non-condensing		
Certification	CE/FCC class A, CB, UL		
Operating System Support			
Windows 7 pro for embedded 32bit, Windows embedded standard 7 32bit, Windows XP pro, Windows XP embedded, Windows CE6.0			

VISION-5XX(P)

Intel Atom Cedar View N2600/D2550 Platform





Specifications

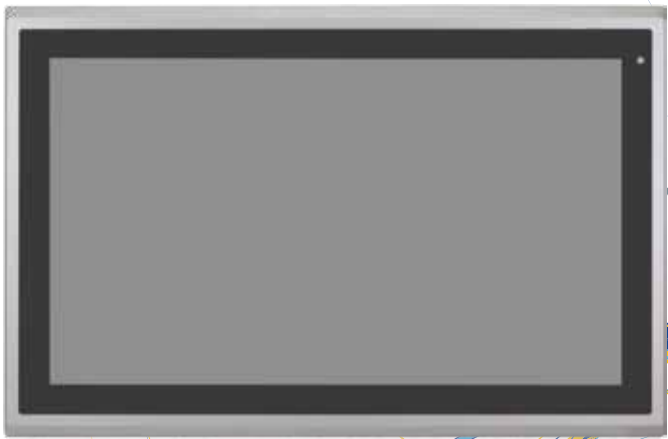
Model Name	VISION-512(P)	VISION 515(P)	VISION 516(P)
System			
Processor	Intel Atom N2600 Dual Core 1.6GHz CPU (Atom D2550 option)		Intel Atom D2550 Dual Core 1.86GHz Processor
System Chipset	Intel NM10 Express		
System Memory	On Board 2GB DDR3 (4GB option)		On Board 4GB DDR3
External I/O			
USB	2 x USB 2.0 type A, USB4/5		
Serial/Parallel	1 x RS-232/422/485 DB-9 COM1, Default RS-232 1 x RS-232, DB-9 COM2		
LAN	2 x GbE RJ-45		
Audio	1 x Phone Jack Line-out		
Power connector	3 Pins Terminal Block Connector		3 Pins Terminal Block Connector, 1 x 2-Pin Power Switch Connector
Storage Space			
HDD	1 x 2.5" SATA2		
Movable device	1 x SD slot		
Expansion			
On board expansion bus	1 x Internal Mini PCIe Slot (Half Size)		
Display			
Display type	12.1" TFT-LCD	15" TFT-LCD	15.6" TFT-LCD
Max. resolution	800 x 600	1024 x 768	1366 x 768
Max. color	262K	262K	16.7M
Luminance(cd/m ²)	450	300	300
View angle(H°/V°)	160/140	160/145	160/160
Backlight lifetime(hrs)	50000	50000	50000
Touch Screen			
Type	Resistive Touch Window Projected Capacitive Touch (For P Model)		
Interface	RS-232 (Resistive Touch Window) USB (Projected Capacitive Touch)		USB
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%		
Power			
Power input	9~36V DC		
Power Consumption	VISION-512: Max:18W VISION-512(P): Max:18W	VISION 515: Max:19.2W VISION 515(P): Max:19.2W	VISION 516: Max:23.4W VISION 516(P): Max:23.4W
Mechanical			
Construction	Aluminum Die-casting Front Bezel and Chassis		
IP rating	IP65 Compliant Front Bezel		
Mounting	Panel Mounting, VESA100 x 100		
Dimension(mm)	319 x 245 x 51.7	410 x 310 x 54.7	412 x 277.5 x 60.4
Net weight(Kg)	2.5	4.4	4.8
Environment			
Operating temperature(°C)	0~50		
Storage temperature(°C)	-20~60		
Storage humidity	10 to 90% @ 40°C, non- condensing		
Certification	CE/FCC class A, CB, UL		
Operating System Support			
Windows 7 pro for embedded 32bit, Windows embedded standard 7 32bit, Windows XP pro, Windows XP embedded, Windows CE6.0			

VISION-6XX(P)

New Generation
Low Power Consumption HMI

Innovating Fast

- Celeron N2930 Processor
- Onboard 2GB DDR3L/4GB(option)
- Aluminum Die-Casting Chassis
- Fanless Design
- Easily Accessible Storage Design
- Flat Front Panel Design Meets IP65



About Features



Celeron N2930 Processor



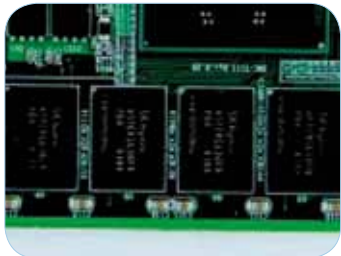
Easily Accessible Storage Design



Flat Front Panel Design
Meets IP65 Standard



Aluminum Die-Casting Chassis
Fanless Design



Onboard 2GB DDR3L
1600MHz/4GB(option)



Wide Range
DC 9~36V Power Input

VISION-6XX(P)

Innovating Fast, Bay Trail Solution



Specifications

Model Name	VISION 607 (P)		VISION 608 (P)	VISION-610 (P)
System				
Processor	Celeron N2930(1.83GHz) CPU			
System Chipset	SoC			
System Memory	On Board 2GB DDR3L 1600MHz / 4GB(option)			
External I/O				
USB	1 x USB 2.0 type A 1 x USB 3.0 type A			
Serial/Parallel	1 x RS-232/422/485,DB-9 COM1, Default RS-232 1 x RS-232,DB-9 COM2			
LAN	2 x RJ-45 GbE			
Audio	1 x Phone Jack Line-out			
Power connector	3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector			
Storage Space				
HDD	1 x 1.8" Half Size of 1.8" SATA2 (MO-297)		1 x 2.5" SATA2	
Movable device	1 x SD slot			
Expansion				
On board expansion bus	1 x Internal Mini PCIe Slot (Full Size)			
Display				
Display type	7" TFT-LCD		8" TFT-LCD	10.1" TFT-LCD
Max. resolution	800 x 480		800 x 600	1280 x 800
Max. color	262K		262K	262K
Luminance(cd/m ²)	350		350	300
View angle(H°/V°)	140/110		140/125	160/160
Backlight lifetime(hrs)	40000		40000	40000
Touch Screen				
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)			
Interface	USB			
Light transmission(%)	Resistive touch window: 80% Projected Capacitive Touch: 90%			
Power				
Power input	9~36V DC			
Power Consumption	VISION 607 Max:14.1W VISION 607 (P): Max:13.7W		VISION 608: Max:14.5W VISION 608 (P): Max:13.4W	VISION-610: Max:11.2W VISION-610 (P): Max:14.0W
Mechanical				
Construction	Aluminum Die-casting Front Bezel and Chassis			
IP rating	IP65 Compliant Front Bezel			
Mounting	Panel Mounting, VESA 75 x 75		Panel Mounting, VESA 100 x 100	
Dimension(mm)	202 x 149 x 40		231 x 176 x 50	285 x 189 x 48.9
Net weight(Kg)	1.2		1.9	1.9
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10% to 90% @40°C Non-condensing			
Certification	CE/FCC class A, CB, UL			
Operating System Support				
Windows Embedded Compact 7, Windows Embedded Standard 7, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro				

VISION-6XX(P)

Innovating Fast, Bay Trail Solution



Specifications

Model Name	VISION-612(P)		VISION 615(P)	VISION 616(P)
System				
Processor	Celeron N2930(1.83GHz) CPU			
System Chipset	SoC			
System Memory	On Board 2GB DDR3L 1600MHz / 4GB(option)			
External I/O				
USB	1 x USB 2.0 type A, 1 x USB 3.0 type A			
Serial/Parallel	1 x RS-232/422/485,DB-9 COM1, Default RS-232 1 x RS-232,DB-9 COM2			
LAN	2 x GbE RJ-45			
Audio	1 x Phone Jack Line-out			
Power connector	3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x SD slot			
Expansion				
On board expansion bus	1 x Internal Mini PCIe Slot (Full Size)			
Display				
Display type	12.1" TFT-LCD	15" TFT-LCD	15.6" TFT-LCD	
Max. resolution	800 x 600	1024 x 768	1366 x 768	
Max. color	262K	262K	16.7M	
Luminance(cd/m ²)	450	350	300	
View angle(H°/V°)	160/140	160/145	160/160	
Backlight lifetime(hrs)	50000	50000	50000	
Touch Screen				
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)			
Interface	USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%			
Power				
Power input	9~36V DC			
Power Consumption	VISION-612: Max:14.6W VISION-612(P): Max:15.2W	VISION 615: Max:17.8W VISION 615(P): Max:17.8W	VISION 616: Max:20.3W VISION 616(P): Max:18.1W	
Mechanical				
Construction	Aluminum Die-casting Front Bezel and Chassis			
IP rating	IP65 Compliant Front Bezel			
Mounting	Panel Mounting, VESA100 x 100			
Dimension(mm)	319 x 245 x 51.7	410 x 310 x 54.7	412 x 277.5 x 60.4	
Net weight(Kg)	2.5	4.4	4.8	
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A, CB, UL			
Operating System Support				
Windows Embedded Compact 7, Windows Embedded Standard 7, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro				

VISION-6XX(P)

Innovating Fast, Bay Trail Solution



Specifications

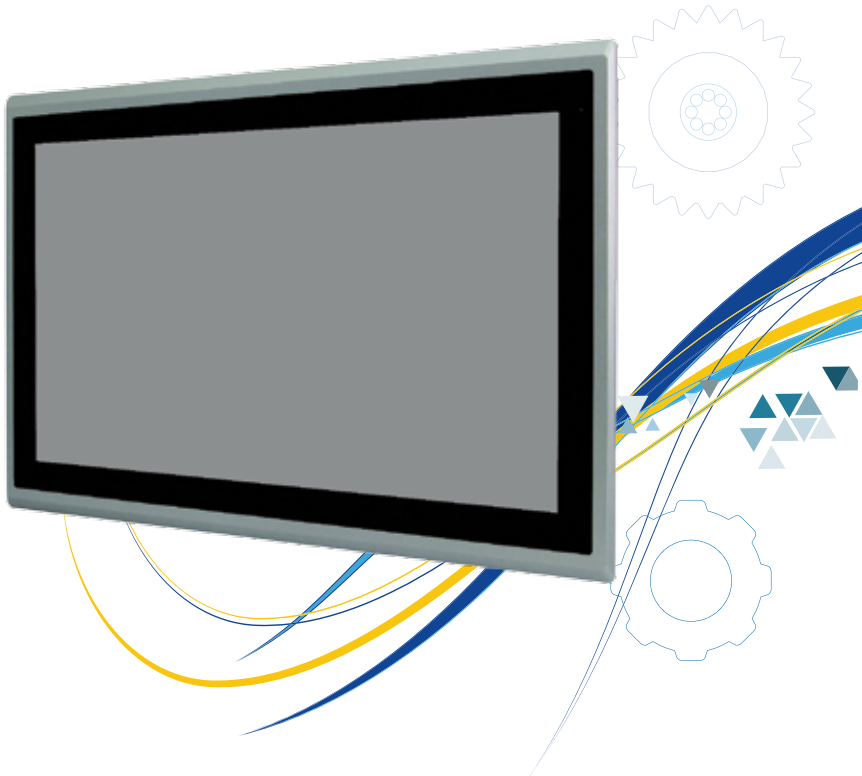
Model Name	VISION 617(P)		VISION 618(P)	VISION 621(P)
System				
Processor	Celeron N2930(1.83GHz) CPU			
System Chipset	SoC			
System Memory	On Board 2GB DDR3L 1600MHz / 4GB(option)			
External I/O				
USB	1 x USB 2.0 type A, 1 x USB 3.0 type A			
Serial/Parallel	1 x RS-232/422/485, DB-9 COM1, Default RS-232 1 x RS-232,DB-9 COM2			
LAN	2 x GbE RJ-45			
Audio	1 x Phone Jack Line-out			
Power connector	3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x SD slot			
Expansion				
On board expansion bus	1 x Internal Mini PCIe Slot (Full Size)			
Display				
Display type	17" TFT-LCD	18.5" TFT-LCD	21.5" TFT-LCD	
Max. resolution	1280 x 1024	1366 x 768	1920 x 1080	
Max. color	16.2M	16.7M	16.7M	
Luminance(cd/m ²)	350	250	250	
View angle(H°/V°)	160/170	160/170	178/178	
Backlight lifetime(hrs)	30000	50000	30000	
Touch Screen				
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)			
Interface	USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%			
Power				
Power input	9~36V DC			
Power Consumption	VISION 617: Max:22.1W VISION 617(P): Max:25W	VISION 618: Max:29.8W VISION 618(P): Max:28.6W	VISION 621: Max:26.7W VISION 621(P): Max:26.7W	
Mechanical				
Construction	Aluminum Die-casting Front Bezel and Chassis			
IP rating	IP65 Compliant Front Bezel			
Mounting	Panel Mounting, VESA100 x 100			
Dimension(mm)	439 x 348 x 64.8	499.6 x 314.6 x 59.9	557 x 362 x 64.8	
Net weight(Kg)	5.1	5.9	7.8	
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A, CB, UL			
Operating System Support				

VISION-9XX(P)

The Ultimate HMI Equipment

Powerful Graphics
Enhanced Fanless HMI

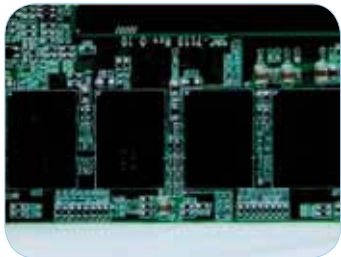
Intel 4th Gen. Core i3 CPU Built-in/ i5 Option
Onboard 4GB DDR3L 1600MHz
Aluminum Die-Casting Chassis
Fanless Design
Easily Accessible Storage Design
Flat Front Panel Design Meets IP65



About Features



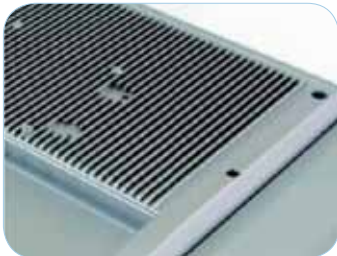
Intel 4th Gen. Core i3 CPU built-in



Onboard 4GB DDR3L 1600MHz



Flat Front Panel Design
Meets IP65 Standard



Aluminum Die-Casting Chassis
Fanless Design



Easily Accessible Storage Design



Wide range
DC 9~36V power input

VISION-9XX(P)

Powerful Graphics Enhanced Fanless HMI



Specifications				
Model Name	VISION-912(P)		VISION 915(P)	VISION 916(P)
System				
Processor	Intel Core i 4th Gen. Haswell Core i3 CPU Processor / i5 (option)			
System Chipset	SoC			
System Memory	OnBoard 4GB DDR3L 1600MHz / 8GB(option)			
External I/O				
USB	2 x USB 3.0 type A			
Serial/Parallel	1 x RS-232/422/485,DB-9 COM1, Default RS-232 1 x RS-232, DB-9 COM2			
LAN	2 x GbE RJ-45			
Audio	1 x Phone Jack Line-out			
Power connector	3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x SD slot			
Expansion				
On board expansion bus	1 x Internal Mini PCIe Slot (Full Size)			
Display				
Display type	12.1" TFT-LCD	15" TFT-LCD	15.6" TFT-LCD	
Max. resolution	800 x 600	1024 x 768	1366 x 768	
Max. color	262K	262K	16.7M	
Luminance(cd/m ²)	450	350	300	
View angle(H°/V°)	160/140	160/145	160/160	
Backlight lifetime(hrs)	50000	50000	50000	
Touch Screen				
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)			
Interface	USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%			
Power				
Power input	9~36V DC			
Power Consumption	VISION-912: Max:19.6W VISION-912(P): Max:22.3W	VISION 915: Max:29.4W VISION 915(P): Max:28W	VISION 916: Max:31W VISION 916(P): Max:30W	
Mechanical				
Construction	Aluminum Die-casting Front Bezel and Chassis			
IP rating	IP65 Compliant Front Bezel			
Mounting	Panel Mounting, VESA 100 x 100			
Dimension(mm)	319 x 245 x 51.7	410 x 310 x 54.7	412 x 277.5 x 60.4	
Net weight(Kg)	2.7	4.4	5.0	
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Windows 7 pro for embedded, Windows embedded standard 7, Windows embedded 8 standard, Windows Embedded 8.1 Industry Pro				

VISION-9XX(P)

Powerful Graphics Enhanced Fanless HMI



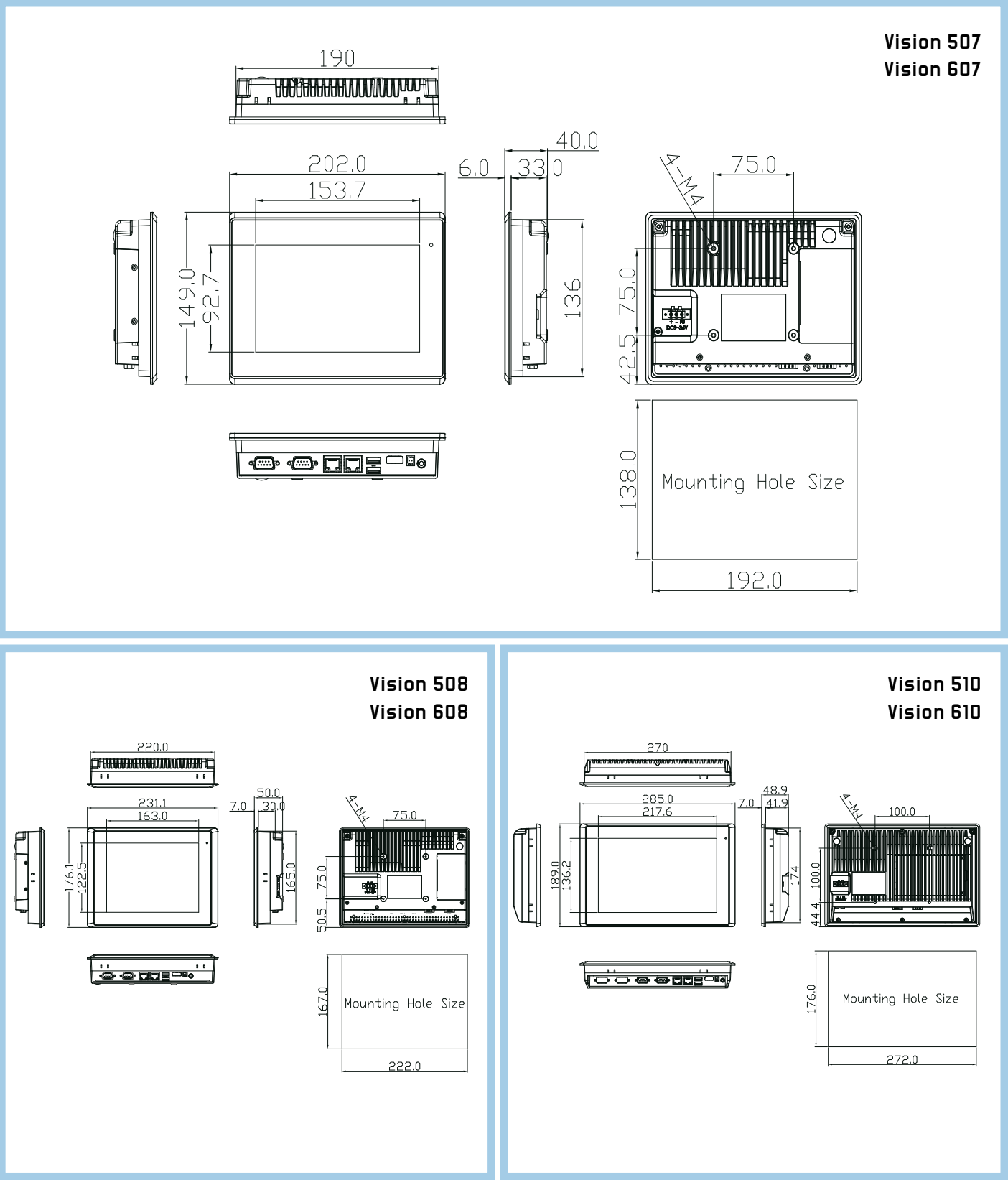
Specifications

Model Name	VISION 917(P)		VISION 918(P)	VISION 921(P)
System				
Processor	Intel Core i 4th Gen. Haswell Core i3 CPU Processor / i5 (option)			
System Chipset	SoC			
System Memory	OnBoard 4GB DDR3L 1600MHz / 8GB(option)			
External I/O				
USB	2 x USB 3.0 type A			
Serial/Parallel	1 x RS-232/422/485, DB-9 COM1, Default RS-232 1 x RS-232, DB-9 COM2			
LAN	2 x GbE RJ-45			
Audio	1 x Phone Jack Line-out			
Power connector	3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x SD slot			
Expansion				
On board expansion bus	1 x Internal Mini PCIe Slot (Full Size)			
Display				
Display type	17" TFT-LCD	18.5" TFT-LCD	21.5" TFT-LCD	
Max. resolution	1280 x 1024	1366 x 768	1920 x 1080	
Max. color	16.2M	16.7M	16.7M	
Luminance(cd/m ²)	350	250	250	
View angle(H°/V°)	160/170	160/170	178/178	
Backlight lifetime(hrs)	30000	30000	30000	
Touch Screen				
Type	Resistive Touch Window Projected Capacitive Touch(For P Model)			
Interface	USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%			
Power				
Power input	9~36V DC			
Power Consumption	VISION 917: Max:29.8W VISION 917(P): Max:30.2W	VISION 918: Max:41.6W VISION 918(P): Max:42.9W	VISION 921 Max:33.3 VISION 921(P): Max:33.3	
Mechanical				
Construction	Aluminum Die-casting Front Bezel and Chassis			
IP rating	IP65 Compliant Front Bezel			
Mounting	Panel Mounting, VESA100 x 100			
Dimension(mm)	439 x 348 x 64.8	499.6 x 314.6 x 59.9	557 x 362 x 64.8	
Net weight(Kg)	6.1	6.6	7.5	
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC class A			
Operating System Support				
Windows 7 pro for embedded, Windows embedded standard 7, Windows embedded 8 standard, Windows Embedded 8.1 Industry Pro				

VISION-5XX/6XX/9XX (P)

Innovating Fast, Bay Trail Solution

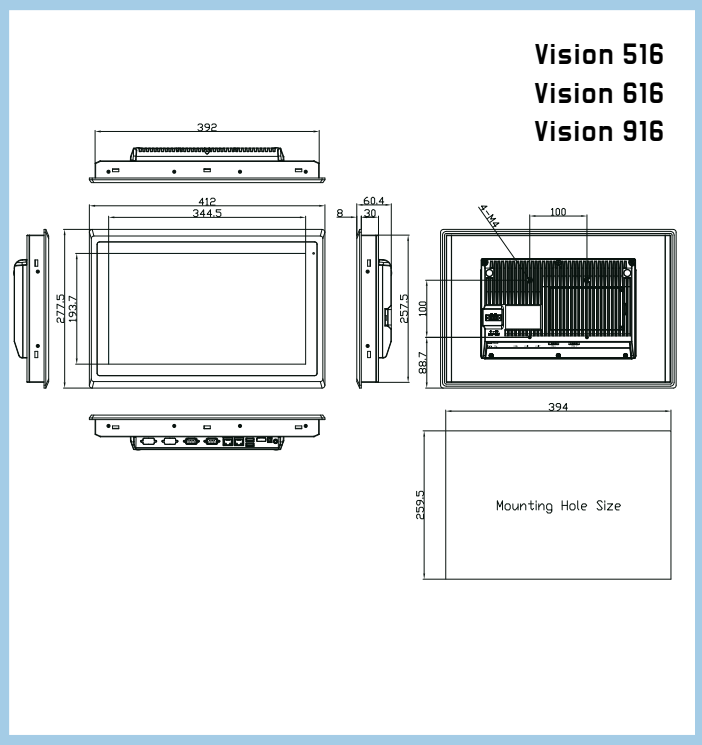
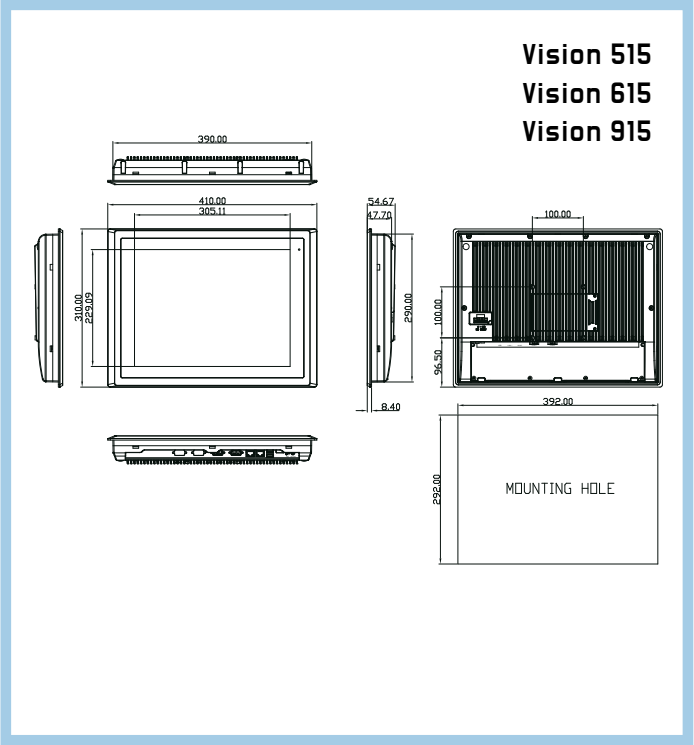
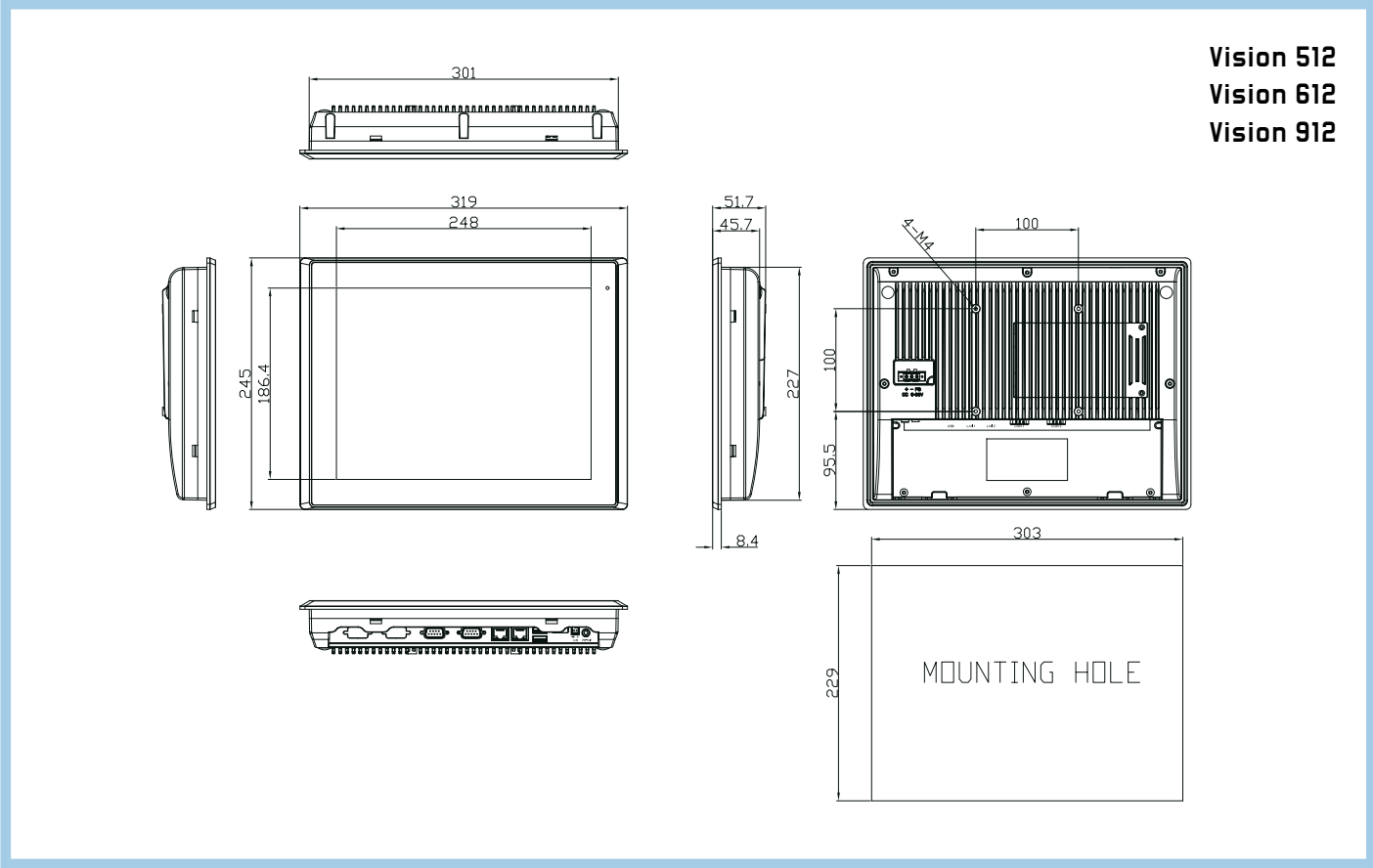
Dimensions



unit:mm

VISION-5XX/6XX/9XX (P)

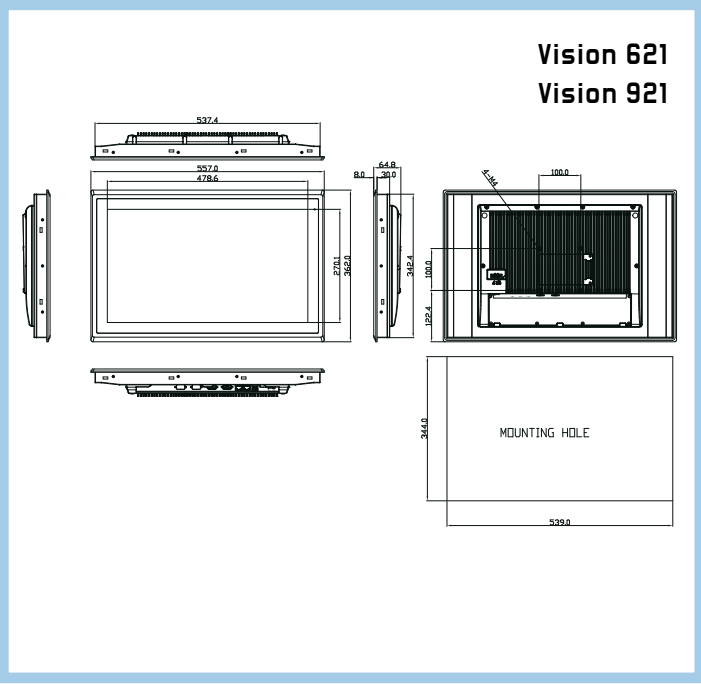
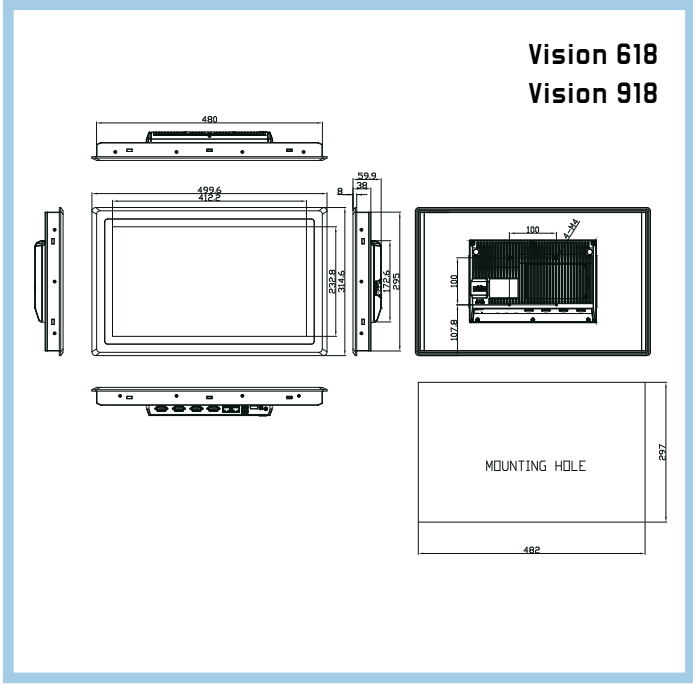
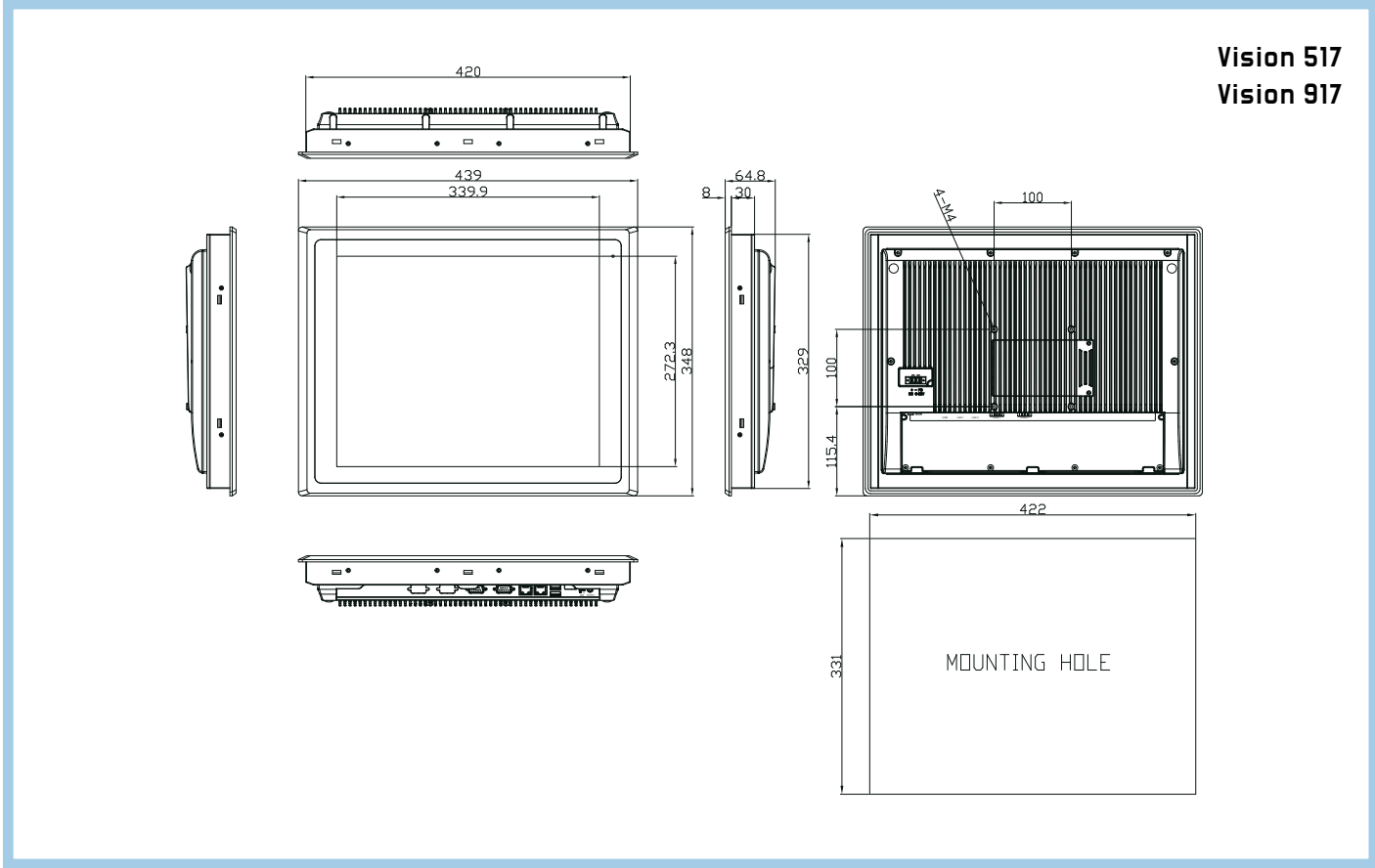
Innovating Fast, Bay Trail Solution
Dimensions



unit:mm

VISION-5XX/6XX/9XX (P)

Innovating Fast, Bay Trail Solution
Dimensions



unit:mm



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