



OPC-5XX8 Series

Open Frame Panel PC

Intel® Celeron™ N2930 Processor

- Intel Celeron N2930 Processor
- Easily achieve flat front bezel design
- Adjustable front bezel design
- Front bezel IP65
- Wide range DC 9~36V power input



Intel Celeron N2930 Processor



Easily achieve flat front bezel design



Adjustable front bezel design



Wide range DC 9~36V power input



5-wire resistive touch window/ Projected capacitor touchscreen support 7H optional



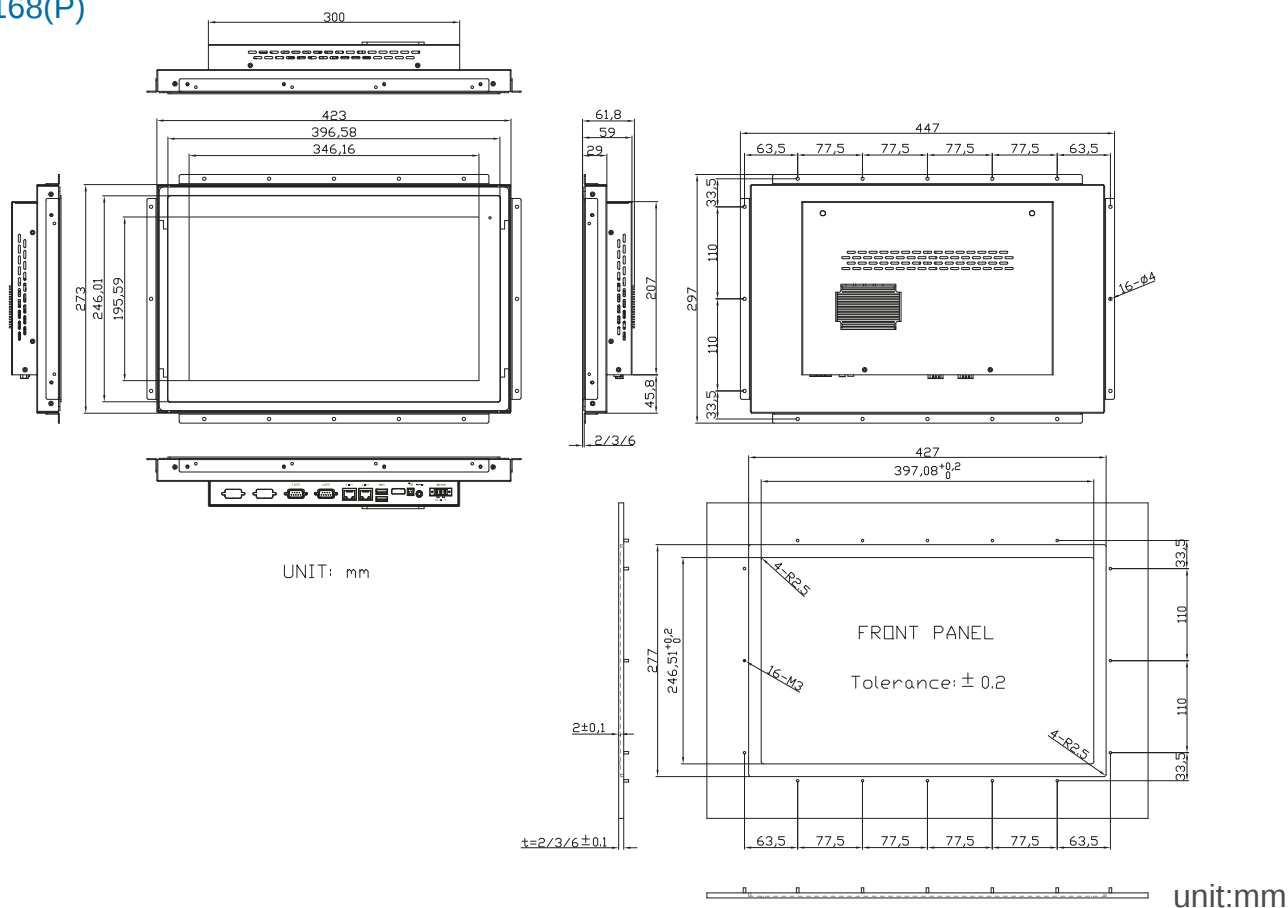
OPC-5XX8 Series

Open Frame Panel PC



Model Name	OPC-5128(P)		OPC-5158(P)	OPC-5168(P)
System				
Processor	Intel Celeron N2930 Processor			
System Chipset	SoC			
System Memory	Onboard 4GB DDR3L 1600 MHz/8GB(option)			
External I/O				
USB	2 x USB 3.0 type A			
Serial/Parallel	1 x RS-232 DB-9(COM2) 1 x DB-9 RS-232/422/485 (Default RS-232)(COM1)			
LAN	2 x GbE LAN RJ-45			
Graph	None			
Audio	1 x Audio Line Out			
Power connector	3 pins terminal block connector, DC Power input			
Storage Space				
HDD	1 x 2.5" SATA2			
Movable device	1 x SD slot			
Expansion				
Onboard expansion bus	1 x Internal Mini-PCle slot full size			
Expansion Slot	None			
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	16.7M	16.7M	
Luminance(cd/m²)	350	450	350	
View angle(H°/V°)	140/110	160/140	160/160	
Contrast	300:1	800:1	1000:1	
Backlight lifetime(hrs)	50000	60000	50000	
Touch Screen				
Type	Resistive Touch / Projected Capacitive Touch(P model)			
Interface	USB			
Light transmission(%)	Resistive: 80% Projected Capacitive :90%			
Power				
Power input	9~36V DC			
Power Consumption	TBD	OPC-5158:19.32W OPC-5158P:20.16W	OPC-5168:19.45W OPC-5168P:21.54W	
Mechanical				
Construction	Open frame steel			
IP rating	IP 65 Compliant Front Bezel			
Mounting	Open frame panel mount			
Dimension(mm)	347 x 287 x 54	409 x 323.5 x 54.8	447 x 297 x 61.8	
Net weight(Kg)	TBD	4.9	5.0	
Environment				
Operating temperature(°C)	0~40 without fan 0~60 with fan			
Storage temperature(°C)	-20~60			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC Class A			
Operating System Support				
Windows Embedded Compact 7, Windows Embedded Standard 7, Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro Windows 7 Pro(FES), Windows 7 Ultimate(FES), Windows 10 IoT Enterprise 2015 LTSC				

OPC-5168(P)



Ordering information

Model NO.	Description
OPC-5158-01	15" XGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR2 RAM, Resistive touch screen, 9~36V DC input with adaptor, steel enclosure
OPC-5158P-01	15" XGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR2 RAM, Projected Capacitive touch, 9~36V DC input with adaptor, steel enclosure
OPC-5168-01	15.6" WXGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR2 RAM, Resistive touch screen, 9~36V DC input with adaptor, steel enclosure
OPC-5168P-01	15.6" WXGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR2 RAM, Projected Capacitive touch, 9~36V DC input with adaptor, steel enclosure