

### Features



- x86 base Intel Celeron N2930 Processor
- Low Power Consumption Design
- Slim & Fanless Design
- Easily Achieve Flat Front Bezel Design
- Adjustable Front Bezel Design(2mm, 3mm and 6mm Front Bezel)
- Optional for High Brightness and Optical Bonding
- 5-wire Resistive Touch Window/Projected Capacitive Touch Screen Support 7H Optional
- Front Bezel IP65
- Wide-ranging 9~36V DC Power Input
- System Power LED Light

### Specifications

System	
Processor	Onboard Intel Celeron N2930 1.83GHz Processor
System Chipset	SoC
System Memory	Onboard 4GB DDR3L 1600MHz

External I/O	
USB	2 x USB 3.0 type A
Serial/Parallel	1 x RS-232/422/485 DB-9, Default RS-232, COM1 1 x RS-232 DB-9, COM2
Audio	1 x Audio line out
LAN	2 x GbE LAN RJ-45
Power	1 x 3-pin DC Power input terminal 1 x 2-pin Connector for power on/off button
Others	1 x System power LED light
Option	2 x RS-232 DB-9 + 1 x Mini-PCIe slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A + 1 x Mini-PCIe slot + 1 x RS-232 DB-9 + 1 x Power Button via TB-528C1U2P1 2 x USB 2.0 type A via TB-528U2

Expansion	
Expansion slot	1 x Intel Mini-PCIe slot full size

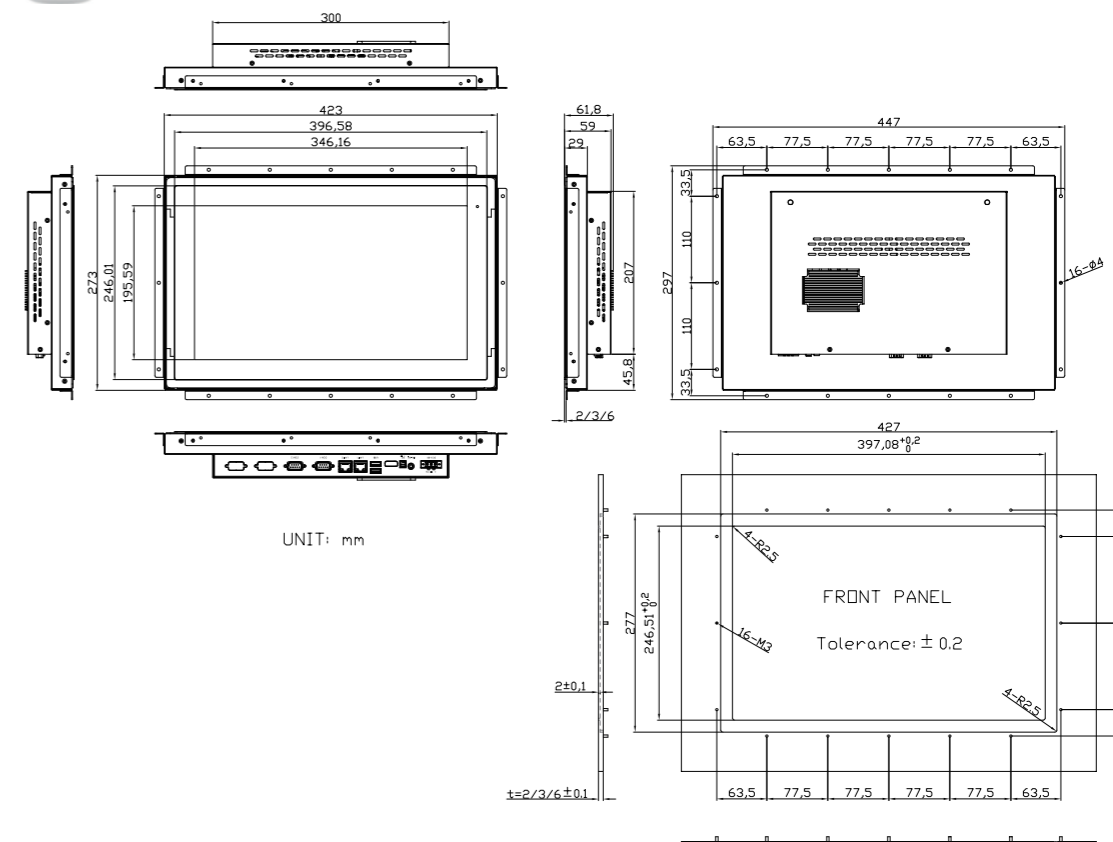
Storage Space	
Storage	1 x 2.5" SATA HDD bay for SATA HDD

LCD	
Display Type	15.6" TFT-LCD
Max. Resolution	1366 x 768
Max. Color	16.7M
Luminance (cd/m <sup>2</sup> )	300
View Angle	H: 160/V: 160
Contrast	500:1
Backlight Lifetime	50,000 Hrs

Touch screen – Resistive Touch Window	
Interface	USB
Light transmission (%)	Over 80%

Touch screen – Projected Capacitive Type)	
Interface	USB
Light transmission (%)	Over 90%

### Dimensions



Power	
Power input	9~36V DC
Power Consumption	MAX: 19.4W (OPC-5168) MAX: 21.5W (OPC-5168P)

Mechanical	
Front Bezel	Flat Bezel Design(2mm, 3mm, 6mm)/Steel/Stainless Steel /Aluminum With System Power LED Light
Rear Bezel	Steel
IP Rating	IP65 compliant front panel
Dimension	447 x 297 x 61.8 mm
Net Weight	5 Kg

Environmental	
Operating temperature(°C)	0~40°C without fan / 0~60°C with fan
Storage temperature(°C)	-20~60°C
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 7 Pro(FES), Windows 7 Ultimate(FES), Windows Embedded 8 Standard, Windows Embedded 8.1 Industry Pro, Windows 10 IoT Enterprise 2015LTSB	

Ordering information	
OPC-5168-01	15.6" WXGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR3 RAM, Resistive touch screen, 9~36VDC input with adapter, steel enclosure
OPC-5168P-01	15.6" WXGA fanless open frame PC with Celeron N2930 1.83G CPU, 4GB DDR3 RAM, Projected capacitive touch, 9~36VDC input with adapter, steel enclosure