



DATA SOUND - LABORATORIES -

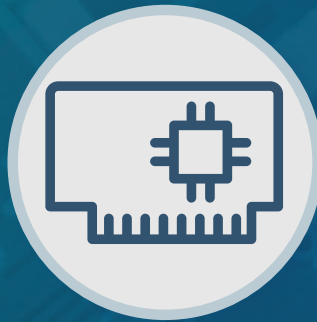
EMBEDDING THE FUTURE



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**Single Board
Computer**



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Features

- Fanless and High Performance Panel PC
- Intel 4th Core-i3/i5/i7 Processor
- On Board DDR3L 4GB 1333/1600MHz
- M12 Connector
- SUS304 Grade Stainless Steel Enclosure (SUS 316 Optional)
- Full Flat Bezel Design and Totally IP66/IP69K
- Projective Capacitive Touch/ Resistive Touch Window
- 9~36V DC wide-ranging power input

Specifications

System	
Processor	Intel Core i3-4010U Processor (3M Cache, 1.7 GHz) / TDP:15W Intel Core i5-4310U Processor (3M Cache, 2.0 GHz) / TDP:15W
System Chipset	SoC
System Memory	On Board DDR3L 4GB 1333/1600MHz
Storage	1 x 2.5" SATA HDD or SSD (Easily accessible design) 1 x Internal SD Card slot on board
Graphic	Integrated Intel HD graphics 4400

External I/O	
USB	1 x M12 8pin for 1xUSB 3.0 1 x M12 8pin for 2xUSB 2.0
Serial/Parallel	1 x M12 8pin for COM1 /RS-232/422/485 (Default RS-232) 1 x M12 8pin for COM2 /RS-232
Audio	None
Graph	None
LAN	1 x M12 8pin for LAN
Digital I/O	None
Power	1 x M12 3pin DC Power

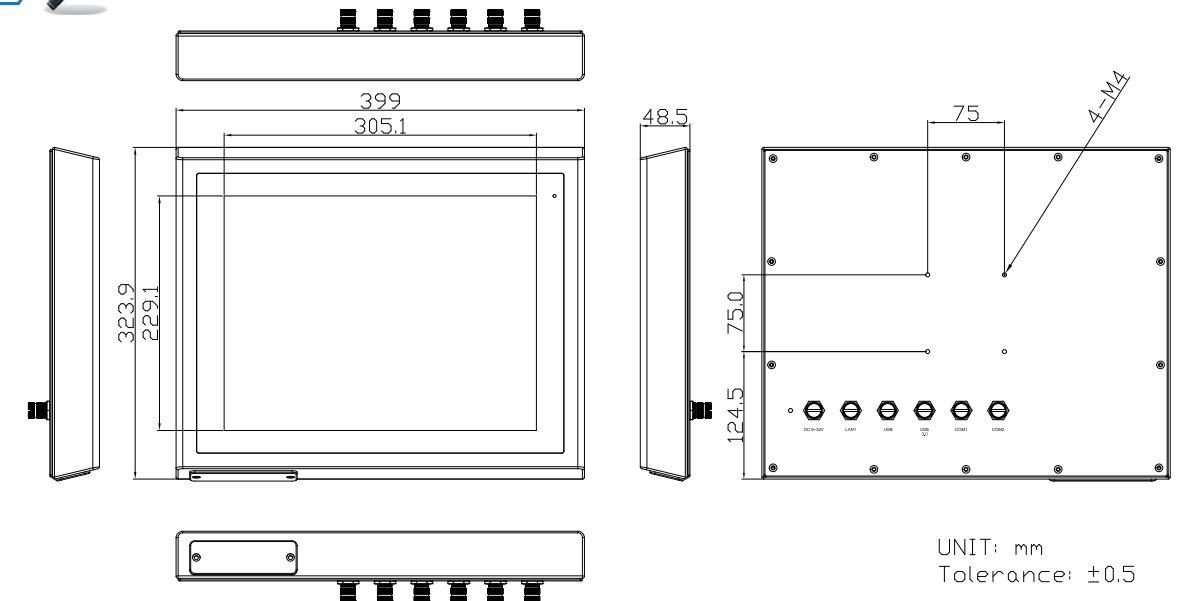
Expansion	
Expansion slot	1 x Mini PCIe full size For Option WLAN/BT Module and Antenna at rear side
OS Support	Windows 7 Professional for Embedded Systems Windows 7 Ultimate for Embedded Systems Windows Embedded 8 Standard Windows Embedded 8 Pro Windows Embedded 8.1 Pro Windows Embedded 8.1 Industry Pro

LCD	
Display Type	15" TFT-LCD
Max. Resolution	1024 x 768
Max. Color	16.7M
Luminance (cd/m ²)	400
View Angle	H: 160/V: 160
Contrast	800:1
Backlight Lifetime	50,000 Hrs

Touch Screen - Projected Capacitive Touch

Interface	USB
Light transmission (%)	90%

Dimensions



Touch Screen - Resistive Touch Window

Interface	USB
Light transmission (%)	80%

Power

Power input	9~36V DC
Power Consumption	MAX: 30.12W

Mechanical

Construction	Satinless steel
IP Rating	Total IP66/IP69K
Mounting	VESA Mount 75 x 75
Dimension	399 mm x 324 mm x 48.5 mm
Net Weight	7.2 Kg

Environmental

Operating temperature(°C)	0°C~50°C
Storage temperature(°C)	-20°C~60°C (with Industrial SSD or CF) -30°C~70°C
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE/FCC class A

Ordering Information

APC-3595P-01	15" XGA IP66/IP69K full flat bezel design stainless steel panel PC, Intel Core i3-4010U 1.7GHz processor, 4G DDR3L, 2.5" SATA2 320G Industrial HDD, with projective capacitive touch, DC power input with Adaptor, stainless steel enclosure
APC-3595R-01	15" XGA IP66/IP69K full flat bezel design stainless steel panel PC, Intel Core i3-4010U 1.7GHz processor, 4G DDR3L, 2.5" SATA2 320G Industrial HDD, with Resistive Touch Window, DC power input with Adaptor, stainless steel enclosure
APC-3595P-02	15" XGA IP66/IP69K full flat bezel design stainless steel panel PC, Intel Core i5-4310U 2.0GHz processor, 4G DDR3L, 2.5" SATA2 320G Industrial HDD, with projective capacitive touch, DC power input with Adaptor, stainless steel enclosure
APC-3595R-02	15" XGA IP66/IP69K full flat bezel design stainless steel panel PC, Intel Core i5-4310U 2.0GHz processor, 4G DDR3L, 2.5" SATA2 320G Industrial HDD, with Resistive Touch Window, DC power input with Adaptor, stainless steel enclosure

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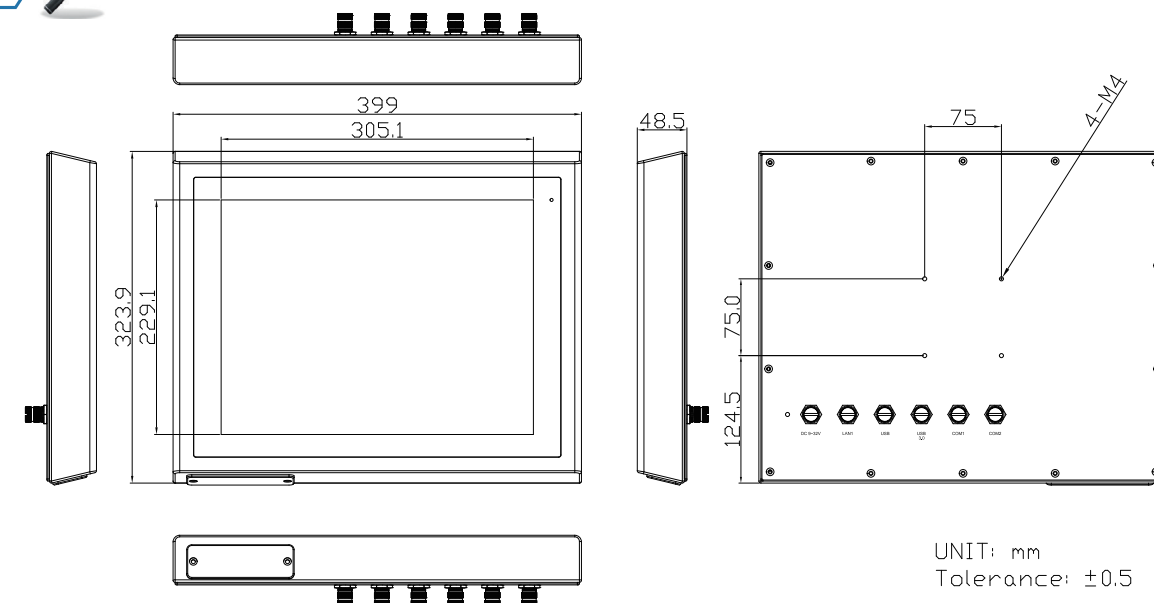
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