

.XAP-19215P1

21.5" Arm-mounted Industrial Touch Panel PC with Intel® Core™ / Celeron® Processor

Overview

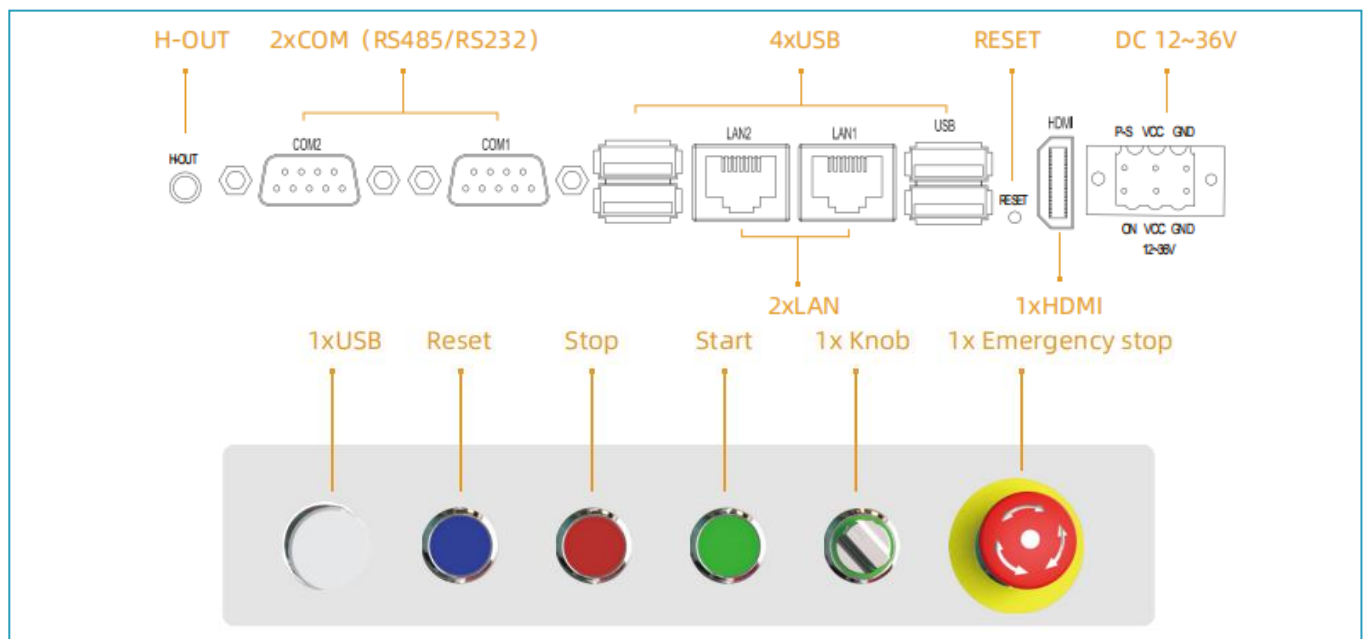
The XAP-19215P1 is a 21.5" fanless industrial Panel PC based on the Intel® Core™ / Celeron® processor. It features a modular design to allow easy CPU board to fulfill customer needs. The XAP-19215P1 support Arm-mounted installation and serve as an excellent HMI platform for industrial applications and factory automation.

Features

- 21.5" LED-backlit LCD with capacitive, resistive or non-touch
- Front panel/back cover: Aluminium-magnesium alloy
- IP protection level : IP65
- Support Intel® Core™ and Celeron® processor
- Support extendable Wi-Fi, 4G
- Support Arm-mounted, rich mounting accessories optional
- Optional customizable buttons



I/O Interfaces



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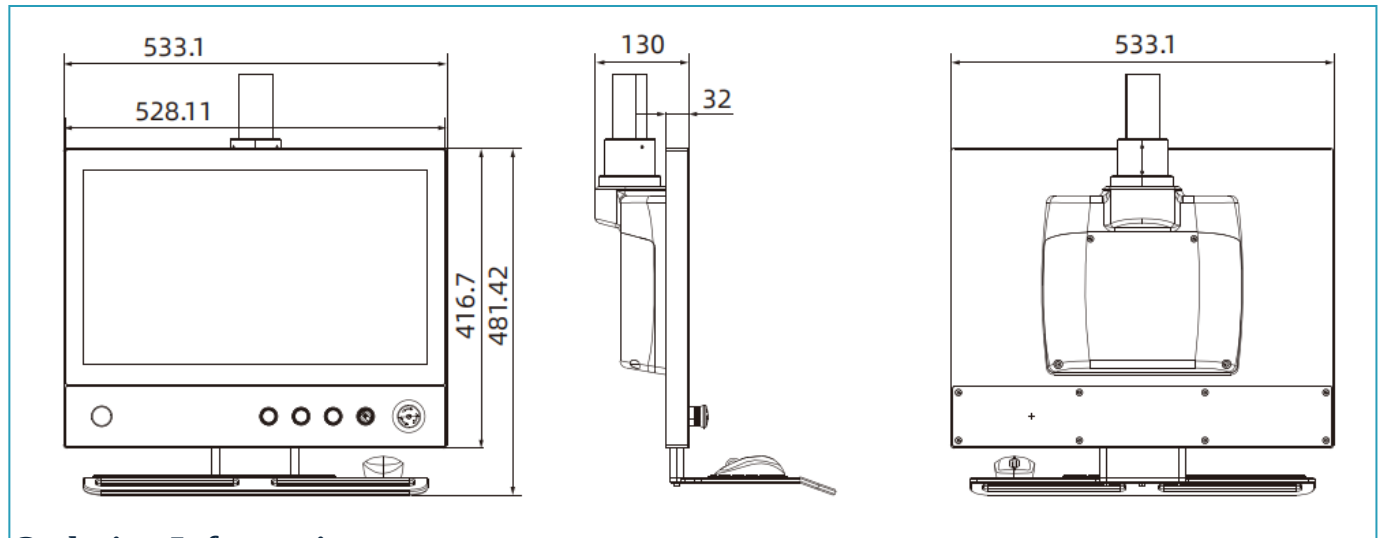
Specifications

DISPLAY	
Size	21.5-inch
Touch type	Projected capacitive multitouch 5-wire resistive touch Non-touch
Transmittance	>85%
Control Interface	USB
Resolution	1920x1080
Luminance	250 nits
Contrast ratio	3000:1
View angles	89 (left), 89 (right), 89 (up), 89 (down)
LED Lifetime	30 000 hrs
Color	16.7M
SYSTEM	
CPU	Intel® Celeron® J6412 / N97 Intel® Core™ 10 th /11 th /12 th /13 th i3/i5/i7
Memory	J6412/N97: up to 16G DDR4 i3/i5/i7: up to 64G DDR4
Storage	1x mSATA, 2x M.2
Operating System	Windows 10/11, Linux
I/O PORTS	
USB	4x USB 3.0
Serial	2xRS232/RS485 with surge protection, RS485 support automatic flow control
Ethernet	2(3)xIntel i210 1000Mbps RJ45 with surge protection
Display	1x HDMI
SIM Card Slot	1x SIM slot for 4G
EXPANSION SLOT	
Mini PCIe	1xMin-Pcie X1, Support 4G LTE/WIFI/BT with Sim card slot
RF COMMUNICATION	
Wi-Fi	Mini PCIe expansion (optional)
Cellular	Mini PCIe expansion (optional)
Bluetooth	Mini PCIe expansion (optional)
POWER	
Power Switch	1x Power switch
DC Input	12-36 VDC
Power Connector	2-pin phoenix terminal
Power Consumption	Vary from different configuration
Power Adaptor	Optional
MECHANICAL	
Dimensions (W x D x H mm)	533.1mm x 416.7mm x 130mm (20.99" x 16.41" x 5.12")
Weight (kg)	14.05 kg
Mounting	6085, 4460 or 48 arm-mounted
Material	Aluminum-magnesium alloy front panel / back cover
ENVIRONMENT	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	5% to 95% non-condensing
Shock	Operating 10G peak acceleration(11 ms duration), follow IEC 60068-2-27
Vibration	Operating Random Vibration Test 5~500Hz, 1Grms@with HDD;2Grms@with SSD, follow IEC 60068-2-64
IP Rating	IP65 compliant (Front Panel)
CERTIFICATION	
EMC	CE, FCC Class A

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Dimensions



Ordering Information

Ref.	Description
XAP-19215P1J6412R/8128/V36/0K	21.5inch Resistive touchscreen panel PC without keyboard bracket and 0 buttons J6412, 8G RAM, 128G SSD, 12-36VDC, No PSU
XAP-19215P1J6412C/8128/V36/0K	21.5inch P-CAP touchscreen panel PC without keyboard bracket and 0 buttons J6412, 8G RAM, 128G SSD, 12-36VDC, No PSU
XAP-19215P1J6412R/8128/V36/5K	21.5inch Resistive touchscreen panel PC without keyboard bracket and 5 buttons J6412, 8G RAM, 128G SSD, 12-36VDC, No PSU
XAP-19215P1J6412C/8128/V36/5K	21.5inch P-CAP touchscreen panel PC without keyboard bracket and 5 buttons J6412, 8G RAM, 128G SSD, 12-36VDC, No PSU