

# PA5X

## 15" Fanless Industrial Panel Computer



### Features

- Fanless, IP65 by front, Aluminum
- Resistive touch. (Optional: Capacitive)
- Intel Braswell Celeron N3160 quad core
- 2 x GbE, 4 x USB, 4 x COM
- Storage support: mSATA, 2.5" SATA, micro-SD
- VESA and Panel Mount (with optional kit)

### Specifications

#### Main System

CPU	Intel Braswell N3160 (2.24GHz) quad core	
Memory	DDR3L SODIMM slot, supports up to 8GB	
Storage	mSATA, 1 x 2.5" SATA, micro-SD	
Expansion slots	1 x Full size mini-PCIE card slot 1 x SIM card wafer	
IO ports	Network	2 x Intel Gb Ethernet (I210-AT)
	USB	4 x USB 3.0
	Serial ports	2x RS232 + 2x RS232/RS422/RS485 (optional: 2 extra RS232)
	VGA	1x HDMI, 1 x DP
WatchDog Timer	0 ~ 255 seconds	

#### Display

LCD type	15" TFT LCD, LED backlight
Max. Resolution	1024 x 768 (4:3)
Brightness	400 nits (LCD panel without touch)
Contrast Ratio	700:1
View Angle (H/V)	160° / 140°

#### Touch screen

Touch type	Resistive 5-wire
Controller	USB interface

#### Mechanical

Dimensions	402 W x 302 H x 74.3 D mm
Weight	6.5 Kg
Mounting	VESA 75/100, Panel Mount

#### OEM option (customize configurations)

- up to 4 DI + 4 DO
- Modify IO ports: USB / COM
- Wireless 802.11n / 3G modem / GPS / Bluetooth
- High Brightness LCD 1000 nits
- PCAP Capacitive Touch (7H hardness)
- Wide DC input for +9V ~ +36V
- SDI video input
- PoE Gb Ethernet 802.3af
- Extended Temperature: -20 C ~ +70 C
- TPM support

#### Power

DC input	+12V
AC input	External Adapter 100~240V AC-DC 60W (included as standard)

#### Environment

Operating Temp.	0 ~ + 60 C (with mSATA Wide Temp.)
	0 ~ + 50 C (with Normal 2.5" HDD)
Storage Temp.	-20 ~ + 70 C
IP rating	IP65 by front
Relative Humidity	10 ~ 90% RH @ 40°C, non-condensing

