

## Features

- 19" TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2 and ATEX/IECEX Zone 2 approved
- Shock and vibration resistant
- Extended temperature range for indoor/outdoor use
- 1.6 GHz Intel® Atom™ processor or 1.5 GHz Core™ 2 Duo
- 80 GB SSD
- 2 GB RAM

## Application

The PC8219 panel mount operator workstation is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications.

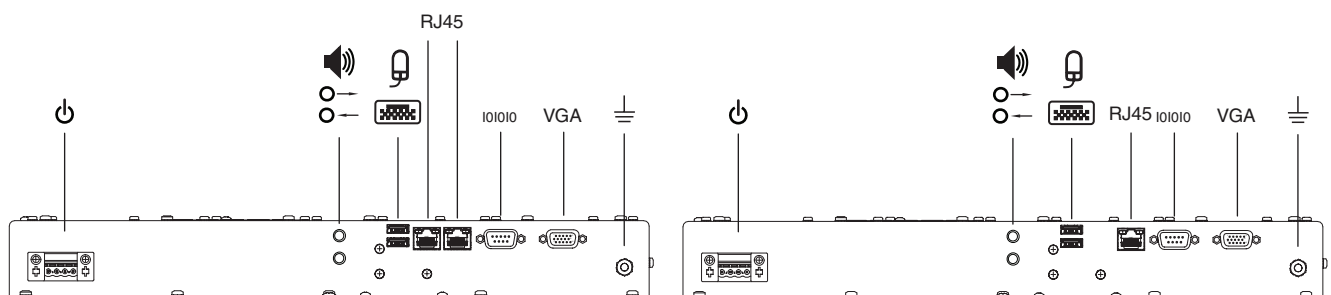
The PC8219 series features a 1.6 GHz Intel® Atom™ processor or a 1.5 GHz Core™ 2 Duo with available 80 GB SSD storage.

This 19" PC operator workstation features an optional touchscreen.

The front bezel is rated Type 4/4X, IP66.



## Connection

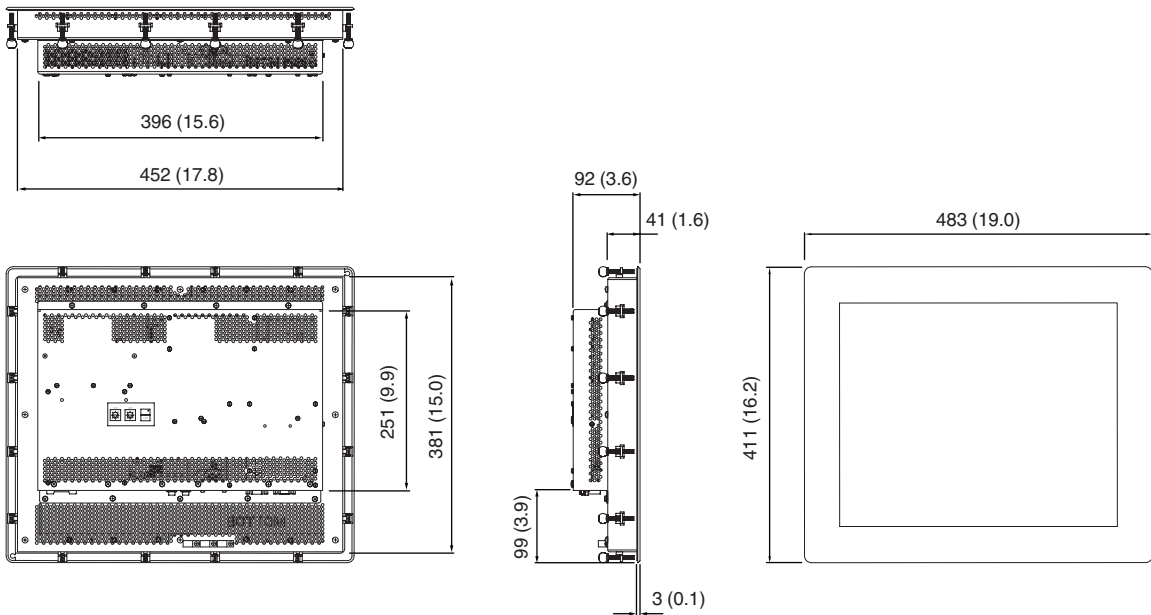


<b>Hardware</b>	
Processor	Intel® Atom™ 1.6 GHz or Core™ 2 Duo 1.5 GHz
RAM	2 GB
Mass storage	80 GB SSD
<b>Supply</b>	
Connection	Terminals
Power consumption	20 ... 30 VDC , 4.0 A max
<b>Indicators/operating means</b>	
<b>Display</b>	
Screen diagonal	19.0" (48.3 cm)
Response time	15 ms
Resolution	1280 x 1024
Color depth	24 bit (16.7 M) color
Contrast	900:1
Brightness	Standard: 300 nit Zone 2: 500 nit
Reading angle	160° in all directions
Life span	Back lamp life: 50,000 hrs typical half life
<b>Input devices</b>	
Touchscreen	5-wire resistive 5-wire hardened resistive
<b>Interface</b>	
Interface type	Core™ 2 Duo : 1 GB ethernet, 2 x USB, audio, RS232, power Intel® Atom™ : 2 x 1 GB ethernet, 2 x USB, audio, RS232, power
<b>Directive conformity</b>	
<b>Electromagnetic compatibility</b>	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<b>Software</b>	
Operating system	Windows XP Professional SP3 or Windows 7 Ultimate (32-Bit)
<b>Ambient conditions</b>	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	0 ... 90% (noncondensing)
<b>Mechanical specifications</b>	
Protection degree	Type 4X ( stainless steel ) Type 4 ( painted steel ) IP66
Material	Bezel: black painted steel or 316L satinless steel
Installation	panel mount panel cutout: 455 x 386 mm (17.9 x 15.2 inches)
Mass	11.3 kg (25 lb)
Dimensions	Intel® Atom™: 483 x 411 x 92 mm (19 x 16.2 x 3.6 inches) Core™ 2 Duo: 483 x 411 x 132 mm (19 x 16.2 x 5.2 inches)
<b>Data for application in connection with Ex-areas</b>	
EC-Type Examination Certificate	
Group, category, type of protection	⊕ II 3G Ex nA nC IIC T4 Gc ⊕ II 3G Ex nA IIC T4 Gc
<b>Directive conformity</b>	
Directive 94/9/EC	EN 60079-15:2010 , EN 60079-0: 2009 IECEx 60079-15 (4th addition) , IECEx 60079-0 (5th addition)
<b>International approvals</b>	
UL approval	cULus : Class I/Div 2, A - D; Class II/Div 2, F & G; T4
IECEx approval	II 3G Ex nA nC IIC T4 Gc II 3G Ex nA IIC T4 Gc

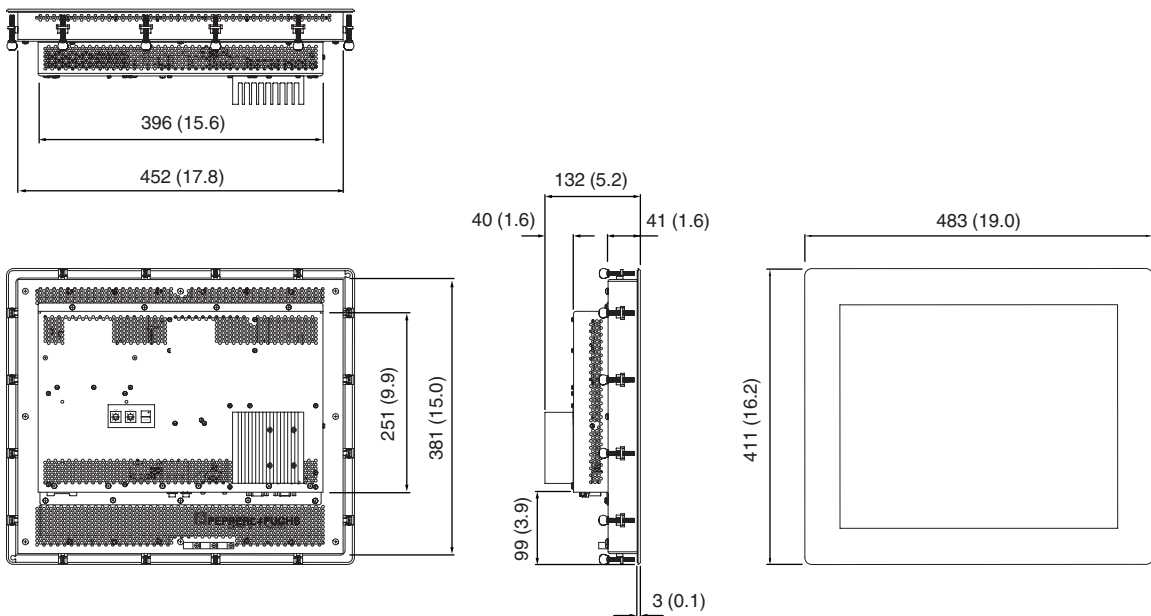
Release date 2012-12-07 14:56 Date of issue 2012-12-07 547161\_eng.xml

Dimensions

Atom™



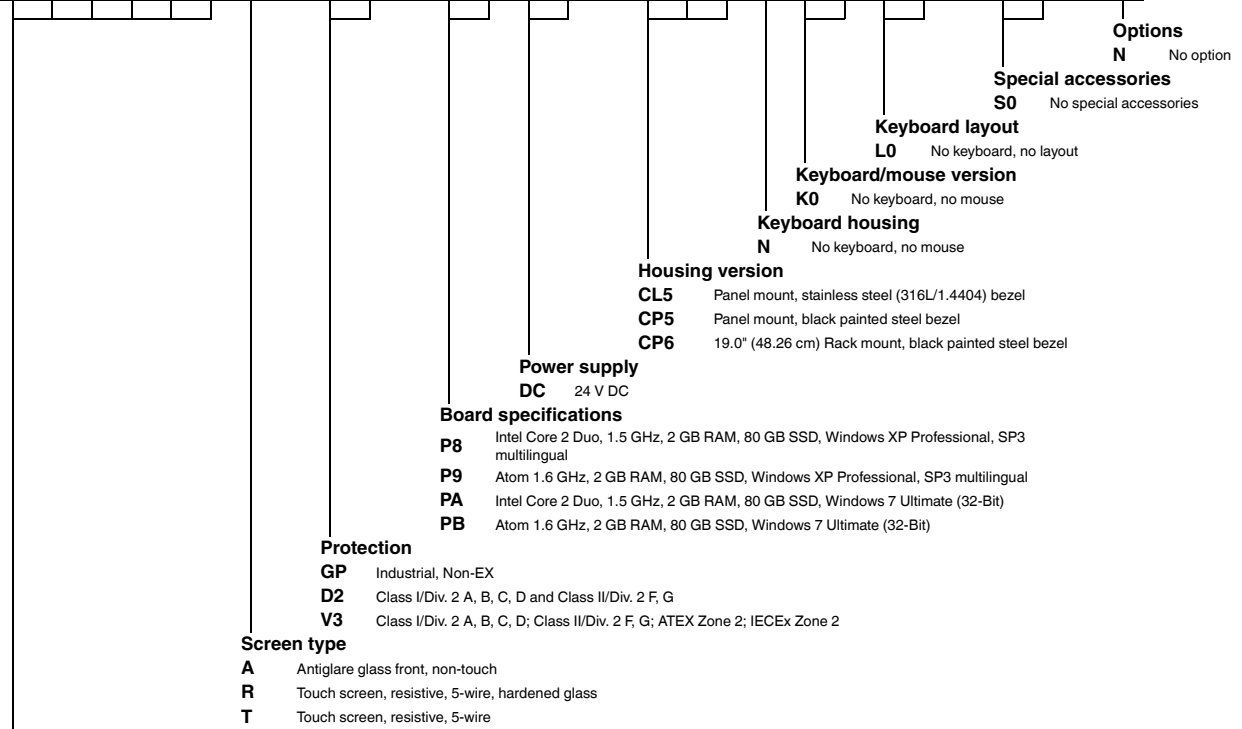
Core™ 2 Duo



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Type code

P C 8 2 1 9 A - G P - P 7 D C - C L 5 N K 0 L 0 - S 0 - N



**PC8219** PC monitor, 19.0" (48.26 cm), SXGA (1280 x 1024 pixels)