



Authorized Distributor



WX-PIX Datasheet



WX-PIX | Industrial Workstation

DYNICS WX-PIX is a replacement front module to replace legacy A2T series such as the PanelLink15 and PanelLink17. It utilizes a bracket mount for panel mounting in conjunction with the PIX chassis.

Key Features

- 0 / 1 / 2 PCI Slots
- 100~240VAC / 24VDC
- Drop-In Replacement of Legacy PanelLink15/17

Display Specifications

Size	Resolution	View Angle	Contrast	Brightness	Aspect Ratio
15"	XGA 1024 x 768	H: -80°/+80°, V: -80°/+80°	600:1	400 nits	4:3
17"	SXGA 1280 x 1024	H: -85°/+85°, V: -80°/+80°	1000:1	350 nits	5:4
Lens	5-Wire Analog Resistive (Touch Screen) / Polycarbonate Lens (Non-Touch)				
LCD Life	50,000 Hour Backlight Half-Life				
Enclosure	NEMA 4 Powder Coat Aluminum / NEMA 4X Stainless Steel				

PC Specifications

Motherboard	MINI-ITX QM77	MINI-ITX Q170	3.5" Braswell
I/O	1x 1Gb Ethernet Port (Supporting Intel® AMT™) 1x 1Gb Ethernet Port 2x RS232/422/485 Ports 2x RS232 Ports 2x USB 3.0 Ports 4x USB 2.0 Ports 1x PS/2 Port (Keyboard/Mouse) 1x DVI-I Port 1x HDMI Port 1x DisplayPort 3x Audio Jacks (Mic-In/Line-In/Line-Out)	1x 1Gb Ethernet Port (Supporting Intel® AMT™) 1x 1Gb Ethernet Port 2x RS232 Ports 4x USB 3.0 Ports 4x USB 2.0 Ports 2x PS/2 Ports (Keyboard & Mouse) 1x DVI-D Port 2x DisplayPorts V1.2 2x Audio Jacks (Mic-In/Line-Out)	2x 1Gb Ethernet Ports 1x RS232/422/485 Port 1x RS232 Port 2x USB 3.0 Ports 1x DVI-D Port 1x DisplayPort 2x Audio Jacks (Mic-In/Line-Out)
CPU	3 rd Gen Intel® Core™ i5 3610ME / i7 3610QE	6 th Gen Intel® Core™ i5 6500TE / i7 6700TE	Braswell N3160
CPU Speed	i5 – 2.7GHz Base, 3.3GHz Turbo (2 Cores, 4 Threads) i7 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 8 Threads)	i5 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 4 Threads) i7 – 2.4GHz Base, 3.4GHz Turbo (4 Cores, 8 Threads)	1.6GHz Base, 2.24GHz Turbo (4 Cores, 4 Threads)
Memory	Up to 16GB DDR3	Up to 16GB DDR3	Up to 8GB DDR3
Power Supply	100~240VAC / 24VDC Power Entry		
Storage	240GB – 2TB SSD / 1TB HDD		
Operating System	<ul style="list-style-type: none"> - Windows® 7 Professional (32-bit/64-bit, 32-bit only on QM77) - Windows® 7 Embedded Standard (32-bit / 64-bit, 32-bit only on QM77) - Windows® 10 Professional (32-bit / 64-bit) - Windows® 10 Enterprise IoT LTSB 2016 (32-bit / 64-bit) - Windows® Embedded Standard 2009 (32-bit only available on QM77) 		
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)		
Relative Humidity	Non-Condensing: 20% - 80%		
Shock	Operating: 10G Non-Operating: 15G		
Vibration	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz		
Compliance	European Union Directive 2011/65/EU (RoHS)		
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.		





WX-PIX

Datasheet

Dimensions, Weight and Power Consumption

	15"			17"			
Height	12.100" (307.3mm)			14.100" (358.1mm)			
Width	15.300" (388.6mm)			17.100" (434.3mm)			
Height (Cutout)	11.300" (287.0mm)			13.100" (332.7mm)			
Width (Cutout)	14.600" (370.0mm)			16.100" (408.9mm)			
	PIX0	PIX1	PIX2	PIX0	PIX1	PIX2	
Depth	4.000" (101.6mm)	4.800" (121.9mm)	6.200" (157.4mm)	3.900" (99.0mm)	4.800" (121.9mm)	6.200" (157.4mm)	
Weight	18 lbs.*	21 lbs.*	25 lbs.*	22 lbs.*	24 lbs.*	28 lbs.*	
Power Consumption	AC	95 Watts**	110 Watts**	130 Watts**	105 Watts**	120 Watts**	140 Watts**
	DC	85 Watts**	100 Watts**	120 Watts**	95 Watts**	110 Watts**	130 Watts**

*Weights are approximate, contact DYNICS for details.

**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

Mechanical Drawings

15"	17"	Power Entry 100~240VAC	Power Entry 24VDC
<p>WX15-PIX0</p>	<p>WX17-PIX0</p>		
<p>WX15-PIX1</p>	<p>WX17-PIX1</p>		
<p>WX15-PIX2</p>	<p>WX17-PIX2</p>		

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

