

PIX



PIX | INDUSTRIAL COMPUTER

DYNICS PIX is an industrial computer with five solutions, a PIX0 (0 PCI Slots), PIX1 (1 PCI Slot), PIX2 (2 PCI Slots), PIXE (1PCIE), PIX1E (1 PCI,1PCIE). All of which are highly configurable with your choice of motherboard, memory, power, storage, and more. With so many different variants, the PIX make a great industrial solution, that is built to your industrial needs.

- 100~240VAC / 24VDC
- 0 / 1 / 2 Slots
- UL Listed
- 2.5" SATA SSD and HDD Options
- Half-Size Cards
- Panel Mount Optional: - Dual Drives/CD-DVD

PC SPECIFICATIONS

COMPUTER I/O	Mini-ITX Braswell	Mini-ITX Gemini Lake	Mini-ITX Q170	Mini-ITX Q370
1Gb Ethernet Port (Supporting Intel® AMT)	-	-	-	1x
1Gb Ethernet Port	2x	2x	2x	1x
RS232/422/485 Ports	1x	2x	1x	1x
USB 3.0 Ports	2x	2x	4x	4x
USB 2.0 Ports	-	2x	4x	4x
PS/2 Port	-	2x	2x	2x
DVI-D Port	1x	-	1x	1x
DisplayPorts V1.2	1x	2x	2x	2x
Audio Jacks	-	2x	2x	2x
CPU/ CPU SPEED	Braswell Quad Core Celeron® N3160, up to 2.24 GHz, 2MB Cache	Gemini Lake Quad Core Celeron® J4105, up to 2.5 GHz, 4MB Cache	6th Gen Quad Core™ i5-6500TE, up to 3.3 GHz, 6MB Cache 6th Gen Quad Core™ i7-6700TE, up to 3.4 GHz, 8MB Cache	8th Gen Hexa Core™ i5-8500T, up to 3.5 GHz, 9MB Cache 8th Gen Hexa Core™ i7-8700T, up to 4.0 GHz, 12MB Cache
MEMORY	Up to 8GB DDR3	Up to 16GB DDR4		Up to 32GB DDR4
EXPANSION SLOTS	PIX0 No PCI Slot Panel PC Module PIX1 1 PCI Slot Panel PC Module PIXE 1 PCIe Slot Panel PC Module PIX2 2 PCI Slot Panel PC Module PIX1E 1 PCI + PCIe Slot Panel PC Module			
STORAGE	240GB - 2TB SATA SSD / 1TB HDD (RAID Option Available Q170/370 Only)			
OPERATING SYSTEM	Windows® 7 Professional (64-bit) (Q170 only) Windows® Embedded Standard 7 (64-bit) (Q170 only) Windows® 10 Enterprise IoT LTSC 2019 (64-bit) (only for Gemini lake or Q370) Windows® 10 Enterprise IoT LTSC 2016 (64-bit) (only for Gemini lake or Q370) Windows® 10 Professional (64-bit) (only for Gemini lake or Q370)			
POWER SUPPLY	100~240VAC/24VDC Power Entry			
TEMPERATURE	Operating: 0°-50°C 32°-122°F Non-Operating: -25°-60°C -13°-140°F			
RELATIVE HUMIDITY	Non-Condensing: 20% - 80%			
SHOCK RESISTANCE	Operating: 10G Non-Operating: 15G			
VIBRATION	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz			
INCLUDED COMPLIANCE	Panel Mounting Bracket			
WARRANTY	USA: UL Listed, UL 61010-1+UL 61010-2-201, FCC 47CFR Part 15 Class A Canada: CUL Listed, CSA C22.2 No. 61010-1-12+CSA C22.2 No. 61010-2-201, ICES-001, Class A EU: RoHS Directive 2011/65/EU, EN 50581, EMC Directive 2014/30/EU, EN 61326-1, Low Voltage Directive 2014/35/EU, EN 61010-1+EN 61010-2-201 (Q370,PIXE,PIX1E Pending) 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.			



PIX



DIMENSIONS, WEIGHT AND POWER CONSUMPTION

	HEIGHT	WIDTH	DEPTH	WEIGHT
PIX0	2.3" (60.3mm)	13.9" (354.6mm)	10.0" (254.0mm)	11 lbs.*
PIX1	3.4" (86.4mm)	14.1" (360.2mm)	10.0" (254.0mm)	19 lbs.*
PIX2	4.4" (113.6mm)	14.1" (360.2mm)	10.0" (254.0mm)	19 lbs.*
PIXE	3.4" (86.4mm)	14.1" (360.2mm)	10.0" (254.0mm)	19 lbs.*
PIX1E	4.4" (113.6mm)	14.1" (360.2mm)	10.0" (254.0mm)	19 lbs.*

* Weights are approximate, contact DYNICS for details.

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

POWER CONSUMPTION

	PIX0	PIX1	PIX2	PIXE	PIX1E
Braswell (N3160)	23 Watts**	38 Watts**	53 Watts**	38 Watts**	53 Watts**
MINI-ITX Q170 (i5-6500TE)	56 Watts**	71 Watts**	86 Watts**	71 Watts**	86 Watts**
MINI-ITX Q170 (i7-6700TE)	78 Watts**	94 Watts**	108 Watts**	93 Watts**	108 Watts**
MINI-ITX Q370 (i5-8500T)	82 Watts**	97 Watts**	111 Watts**	97 Watts**	111 Watts**
MINI-ITX Q370 (i7-8700T)	72 Watts**	87 Watts**	102 Watts**	87 Watts**	108 Watts**

* Weights are approximate, contact DYNICS for details.

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



PIX

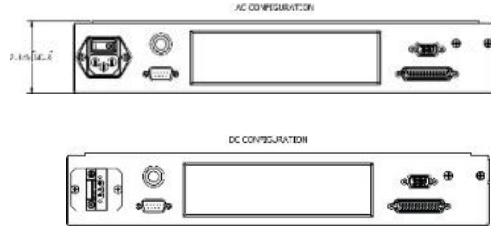
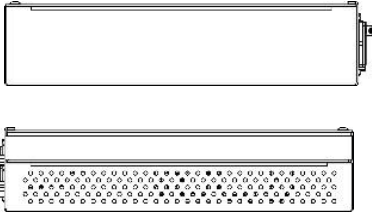


MECHANICAL DRAWINGS (Drawings without mounting brackets)

Side View

Front View (PIX0)

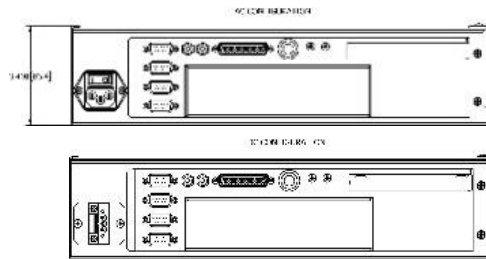
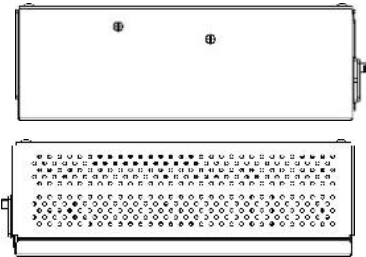
Isometric View



Side View

Front View (PIX1) (PIXE)

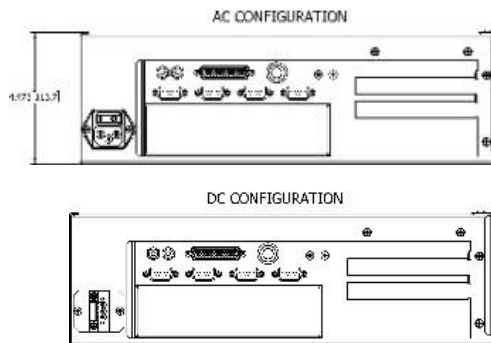
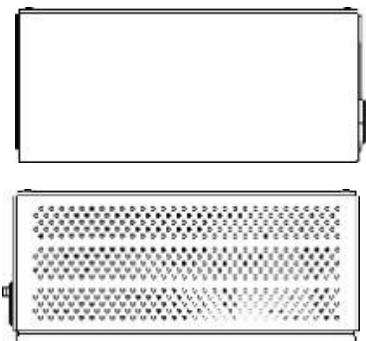
Isometric View



Side View

Front View (PIX2) (PIX1E)

Isometric View



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.

