

## GPC



### GPC | INDUSTRIAL PANEL PC

DYNICS GPC is an industrial computer with an active backplane, two full length PCI slots and either a 6th/8th Gen Intel® Core™ i5 / i7 processor. The GPC is designed for new and legacy applications within industrial environments.

- 100~240VAC / 24VDC
- UL Listed (Q170 Only)
- Raid Option
- UPS35 Option on 24VDC
- 2 Full-Length PCI Slots and 1 PCIe x16 Slot

### PC SPECIFICATIONS

	Mini-ITX Q170	Mini-ITX Q370
<b>COMPUTER I/O</b>		
1Gb Ethernet Port (Supporting Intel® AMT)	-	1x
1Gb Ethernet Port	2x	1x
RS232/422/485 Ports	1x	1x
USB 3.0 Ports	4x	-
USB 3.1 Ports	-	4x
USB 2.0 Ports	4x	4x
PS/2 Port	2x	2x
DVI-D Port	1x	1x
DisplayPorts V1.2	2x	2x
Audio Jacks	2x	2x
<b>CPU/ CPU SPEED</b>	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 Up to 32 GB DDR4	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 Up to 32 GB DDR4
<b>MEMORY STORAGE</b>	240GB - 2TB SATA SSD / 1TB HDD (RAID Option Available)	
<b>OPERATING SYSTEM</b>	Windows® 7 Professional (64-bit)/ Windows® 7 Embedded Standard (64-bit) Windows® 10 Enterprise IoT LTSC 2019 (64-bit) Windows® 10 Professional (64-bit) (Q370 Only) Linux Ubuntu	
<b>POWER SUPPLY</b>	100~240VAC / 24VDC Power Entry / UPS35	
<b>TEMPERATURE</b>	Operating: 0°-50°C   32°-122°F Non-Operating: -25°-60°C   -13°-140°F	
<b>RELATIVE HUMIDITY</b>	Non-Condensing: 20% - 80%	
<b>SHOCK RESISTANCE</b>	Operating: 10G Non-Operating: 15G	
<b>VIBRATION</b>	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz	
<b>INCLUDED COMPLIANCE</b>	Panel Mounting Bracket / 1x 6FT Power Cable USA: UL 60950-1 (UL Listed), FCC 47 CFR Part 15, Class A Canada: CSA C22.2 No. 60950-1-07 (CUL Listed), ICES-001, Group 1, Class A European Union CE: EN 60950-1, EN 61326-1, CISPR 11, Group 1, Class A European Union Directive 2011/65/EU (RoHS) <b>(Q170 Only)</b>	
<b>WARRANTY</b>	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.	



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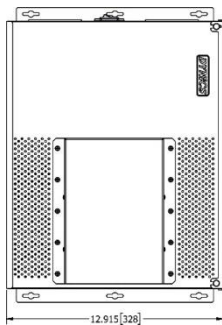
### DIMENSIONS, WEIGHT AND POWER CONSUMPTION

GPC	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION	
	Q170	Q370	Q170		Q370	
	5.048" (128.2mm)	12.915" (328.0mm)	17.630" (447.8mm)	21 lbs.*	AC- 124 Watts** DC- 124 Watts**	AC-104 Watts** DC-103 Watts**

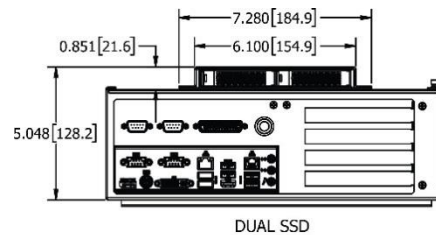
\* Weights are approximate, contact DYNICS for details.

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

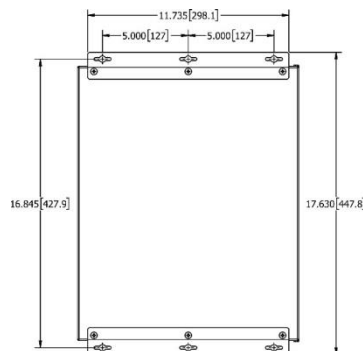
### MECHANICAL DRAWINGS TOP VIEW



### I/O VIEW

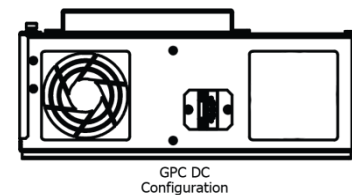
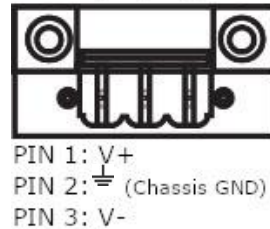
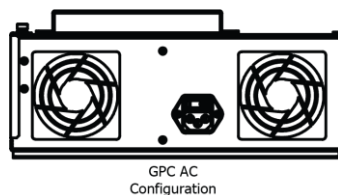
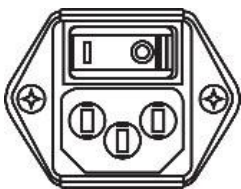


### BOTTOM VIEW



### POWER ENTRY OPTIONS

1 2 3



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.

