DYNICS

GPC

GPC | INDUSTRIAL PANEL PC

DYNICS GPC is an industrial computer with an active backplane, two full length PCI slots and 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
- Raid Option

- UPS60P Option on 24VDC
- 2 Full-Length PCI Slots and 1 PCIe x16 Slot

PC SPECIFICATIONS

| COMPUTER I/O	Mini-ITX Q170	Mini-ITX Q370
1Gb Ethernet Port (Supporting Intel® AMT)	-	1x
1Gb Ethernet Port	2x	1x
RS232/422/485 Ports	2x	2x
USB 3.0 Ports	4x	2x
USB 3.1 Ports	-	2x
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
CPU/ CPU SPEED	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 32 GB DDR4	Up to 32 GB DDR4
STORAGE	256GB - 2TB SATA SSD / 1TB HDD (RAID Option Available)	
OPERATING SYSTEM	- Windows® 7 Professional (64-bit) **(Code: W76)** - Windows® 7 Embedded Standard (64-bit) **(Code: E76)** - Windows® 10 Enterprise IoT LTSB 2016 (64-bit) **(Code: E10)** - Windows® 10 Pro (64-bit) **(Code: W10)** - Windows® 10 Enterprise IoT LTSC 2019 (64-bit) **(Code: E19)** - Windows® 11 Pro (64-bit) **(Code: W11)** - Windows® 10 Enterprise IoT LTSC 2021 (64-bit) **(Code: E21)** - Linux® Ubuntu® **(Code: LUB)**	
POWER SUPPLY	100~240VAC / 24VDC Power Entry / UPS60P	
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	Panel Mounting Bracket / 1x 6ft. Power Cable	
COMPLIANCE	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)	
WARRANTY	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.	

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DIMENSIONS, WEIGHT AND POWER CONSUMPTION

	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION	
					Q170	**Q370**
GPC – DUAL SSD	5.295" (135.5mm)	12.915" (328.0mm)	17.630" (447.8mm)	28.2 lbs.*	**AC-** 85 Watts** **DC-** 85 Watts**	**AC-** 150 Watts** **DC-** 150 Watts**
GPC – QUAD SSD	6.204" (157.6mm)	12.915" (328.0mm)	17.630" (447.8mm)	28.2 lbs.*	**AC-** 85 Watts** **DC-** 85 Watts**	**AC-** 150 Watts** **DC-** 150 Watts**

* Weights are approximate, contact DYNICS for details.
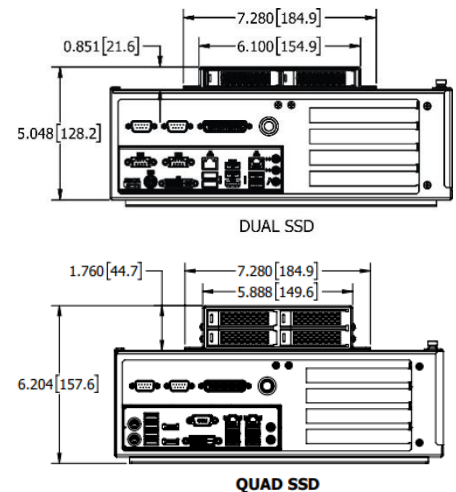** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

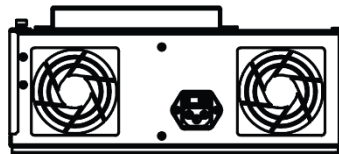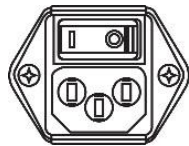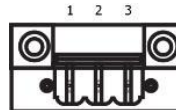### TOP VIEW
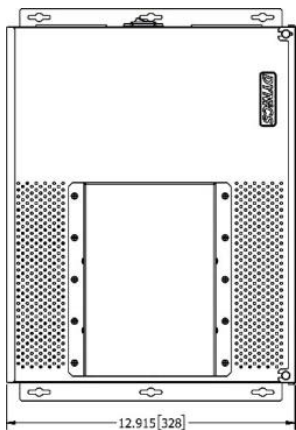
BOTTOM VIEW

I/O VIEW

DUAL SSD

QUAD SSD
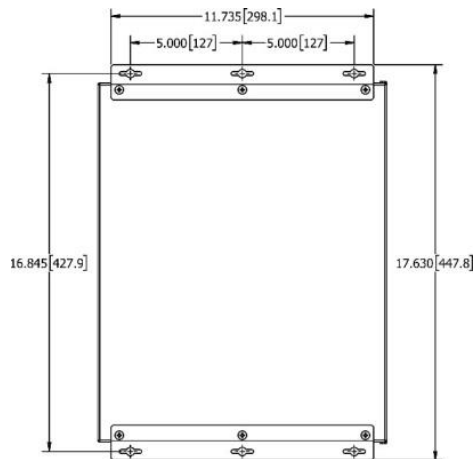
POWER ENTRY OPTIONS

PIN 1: V+
PIN 2: (Chassis GND)
PIN 3: V-

GPC AC Configuration
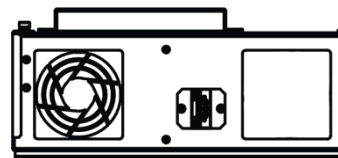
GPC DC Configuration

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.