BTX

BTX │ INDUSTRIAL COMPUTER

DYNICS BTX is a microcomputer equipped with dual drive trays and your choice of an 6th or 8th Gen Intel® Core™ i5 / i7 processor. The various expansion options, video outputs and upgrades available for the BTX make the different configurations suitable for a multitude of industrial applications.

- Small Form Factor
- 24VDC Power Entry

- UL Listed
- 2x 2.5" Removable Drive Tray

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	1x	1x
USB 3.0 Ports	4x	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
CPU/ CPU SPEED	-6th Gen Quad Core™ i7-6700TE, Up to 3.4 GHz, 8MB Cache (4 Cores, 8 Threads)	-8th Gen Hexa-Core™ i5-8500T, Up to 3.5 GHz, 9MB Cache (6 Cores, 6 Threads) -8th Gen Hexa-Core™ i7-8700T, Up to 4.0 GHz, 12MB Cache (6 Cores, 12 Threads)
MEMORY	Up to 32GB DDR4	Up to 32GB DDR4
EXPANSION SLOTS	**BTXE** - 1x PCIe x16 Slot **BTX1** - 1x PCI Half Length **BTX2** - 2x PCI Half Length	
STORAGE	256GB - 2TB SATA SSD / 1TB HDD (RAID Option Available)	
OPERATING SYSTEM	-Windows® 7 Professional (64-bit) / Windows® 7 Embedded Standard (64-bit) (Only available for Q170) -Windows® 10 Enterprise IoT LTSB 2016 (64-bit) -Windows® 10 Enterprise IoT LTSC 2019 (64-bit) -Windows® 10 Enterprise IoT LTSC 2021 (64-bit) -Windows® 10 Professional (64-bit) -Windows® 11 Professional (64-bit) -Linux Ubuntu (Contact DYNICS for more details)	
POWER SUPPLY	24VDC Power Entry (3-Pin Quick Disconnect Included)	
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	
COMPLIANCE	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	
WARRANTY	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.	

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DIMENSIONS, WEIGHT AND POWER CONSUMPTION
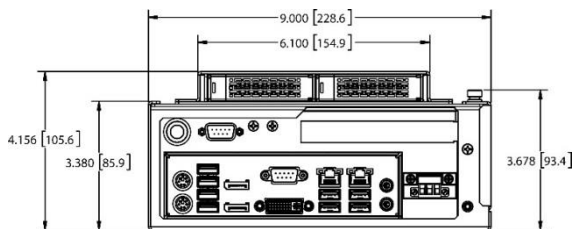
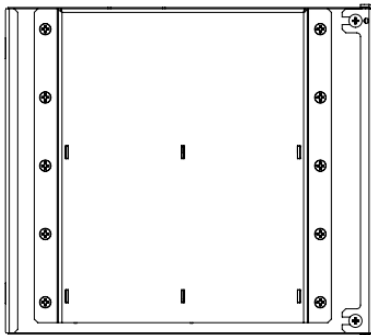|	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION
					Input Current:
BTX	4.2" (105.6mm)	9.0" (228.6mm)	8.2" (207.0mm)	9 lbs.* (4.08 Kgs).*	24VDC (150 Watts)

* Weights are approximate, contact DYNICS for details.

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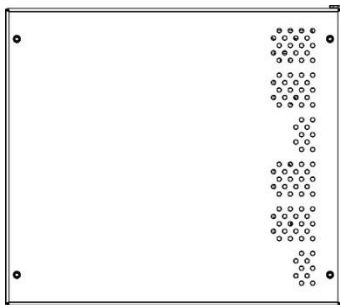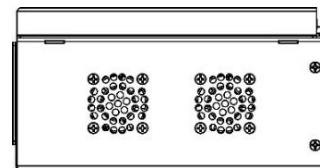
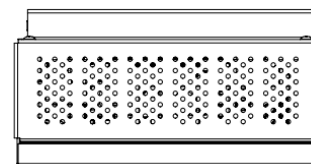## MECHANICAL DRAWINGS

FRONT VIEW

LEFT SIDE VIEW

TOP VIEW

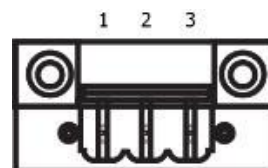### RIGHT SIDE VIEW

BOTTOM VIEW

POWER ENTRY 24VDC

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

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.