

DIN RAIL



DIN RAIL | Micro Computer

DYNICS DIN RAIL Micro Computer is compact energy efficient PC equipped with a Quad Core Braswell Processor.

- Small Form Factor
- DIN RAIL and Metal Mounting Feet
- Single Removable Drive Tray
- UL Certified

PC SPECIFICATIONS

COMPUTER I/O PORTS

1Gb Ethernet Ports
 USB 3.0 Ports
 USB 2.0 Ports
 PS/2
 RS232/422/485 Port
 RS232
 COM ports
 DVI-D Port
 DisplayPort
 Audio Jacks

Mini-ITX Braswell

2x
 2x
 -
 -
 1x
 -
 2x
 1x
 1x
 -

Mini-ITX Gemini Lake

2x
 2x
 2x
 2x
 -
 2x
 -
 2x
 2x

CPU

Braswell N3160

Gemini Lake Quad Core Celeron J4105

CPU SPEED

1.6GHz Base, 2.24GHz Turbo (4 Cores, 4 Threads)

1.5GHz Base, 2.5 GHz Turbo (4 Cores, 4 Threads)

MEMORY

Up to 8GB DDR3

Up to 16GB DDR4

STORAGE

240GB – 2TB SATA SSD / 1TB HDD

OPERATING SYSTEM

-Windows® 7 Embedded Standard (64-bit)/Windows® 7 Professional (64-bit) (Braswell only)
 -Windows® 10 Professional (64-bit)
 -Windows® 10 Enterprise IoT LTSC 2016 (64-bit)
 -Windows® 10 Enterprise IoT LTSC 2019 (64-bit)
 -Linux Ubuntu

POWER SUPPLY

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

Mounting Hardware / 24VDC 3-Pin Quick Disconnect

COMPLIANCE

USA: UL Listed, UL 61010-1+UL 61010-2-201, FCC 47CFR Part 15 Class A (Braswell only)
 Canada: CUL Listed, CSA C22.2 No. 61010-1-12+CSA C22.2 No. 61010-2-201, ICES-001, Class A (Braswell only)
 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.



DIN RAIL



DIMENSIONS, WEIGHT AND POWER CONSUMPTION

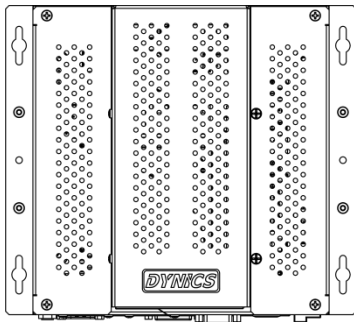
	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION
DIN RAIL	2.9" (75.9mm)	9.1" (230.8mm)	8.0" (203.2mm)	4 lbs.* (1.81437 Kgs.*)	25 Watts**

* Weights are approximate, contact DYNICS for details.

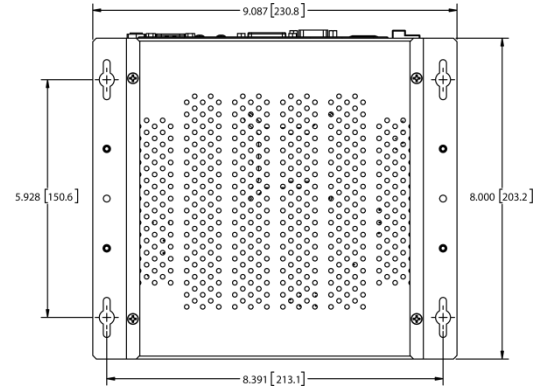
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

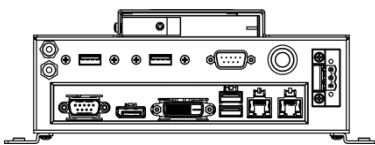
TOP VIEW



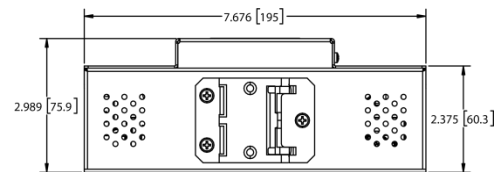
BOTTOM VIEW



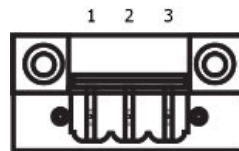
FRONT VIEW



RIGHT SIDE VIEW



POWER ENTRY



PIN 1: V+
 PIN 2: \perp (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.

