

XiR



XiR2



XiR4

XiR | COMPUTER MODULE IP50 UNIT

DYNICS XiR is a compact computer built with no moving parts and equipped with an aluminum heatsink in an IP50 sealed form factor, featuring an AMD Ryzen Embedded V1605B processor. With your choice of operating system, storage and Wi-Fi.

- Fanless (No Moving Parts)
- Aluminum Heatsink
- IP50 Rating
- Graphite Power Coating
- XiR2 Comes with 2 Ethernet Ports
- XiR4 Comes with 4 Ethernet Ports

PC SPECIFICATIONS

COMPUTER I/O PORTS	XiR2	XiR4
1Gb Ethernet Port	2x	4x
USB 3.0 Port	2x	2x
USB 2.0 Port	4x	2x
RS232 Port	2x	2x
HDMI Port	4x	4x
CPU	AMD Ryzen Embedded V1605B	
CPU SPEED	Up To 3.6GHz Turbo 2MB of Shared L2 plus 4MB of Shared L3 Total (4 Cores, 8 Threads)	
MEMORY	Up to 32GB DDR4	
STORAGE	240GB-2TB 2.5" SATA SSD	
OPERATING SYSTEM	Windows® 10 Enterprise IoT LTSC 2019 (64-bit) Windows® 10 Enterprise IoT LTSB 2016 (64-bit) Linux Ubuntu	
POWER SUPPLY	24VDC Power Entry (3-Pin Quick Disconnect Included)	
OPTIONAL	Dual Wi-Fi 2.4	
TEMPERATURE	Operating: 0°-50°C 32°-122°F	
RELATIVE HUMIDITY	Non-Operating: -25°-60°C -13°-140°F 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	
COMPLIANCE	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

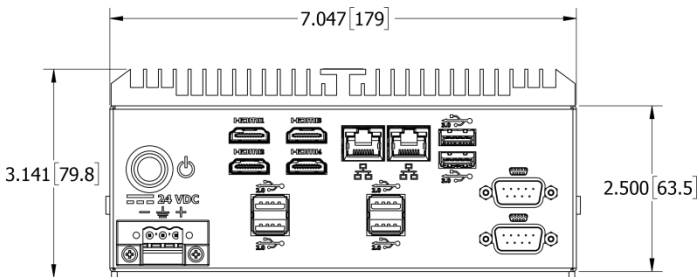
	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION
XiR	3.5" (88.9mm)	7.1" (179.0mm)	4.9" (125.0mm)	3 lbs.*	TBD Watts**

* Weights are approximate, contact DYNICS for details.

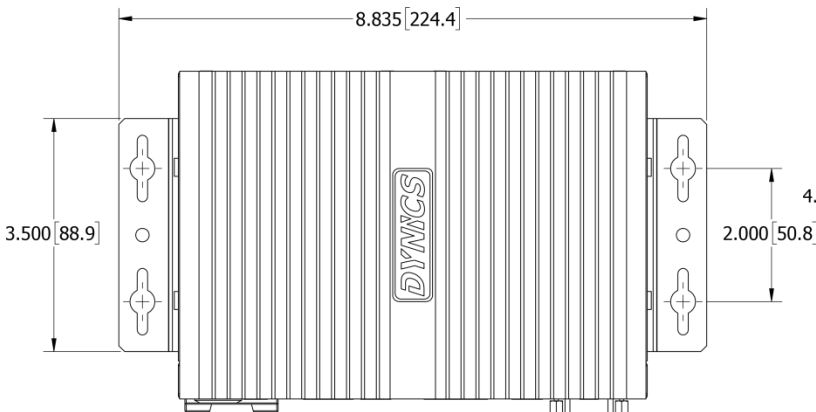
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS (XiR2)

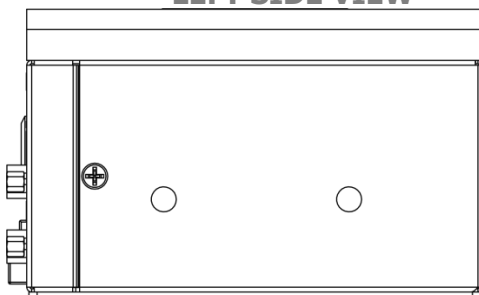
FRONT VIEW



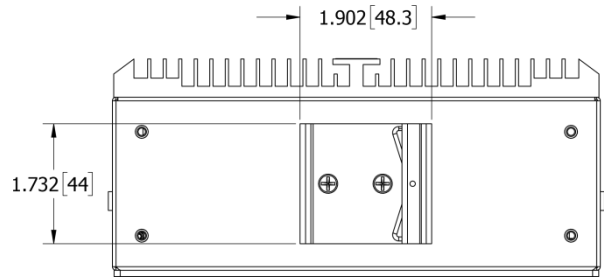
TOP VIEW



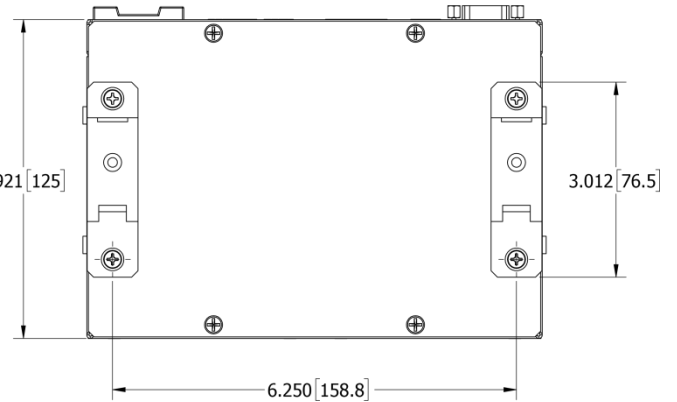
LEFT SIDE VIEW



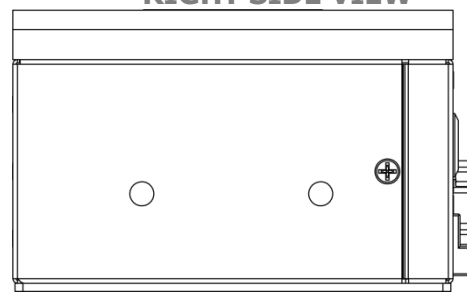
BACK VIEW



BOTTOM VIEW



RIGHT SIDE 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.



XiR



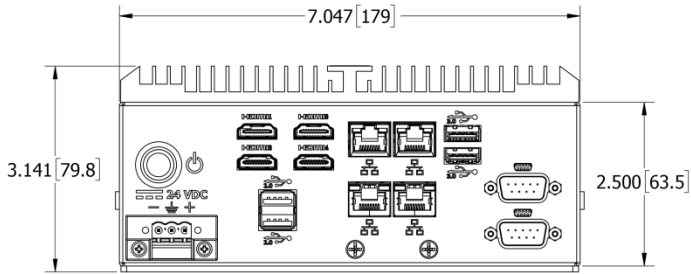
XiR2



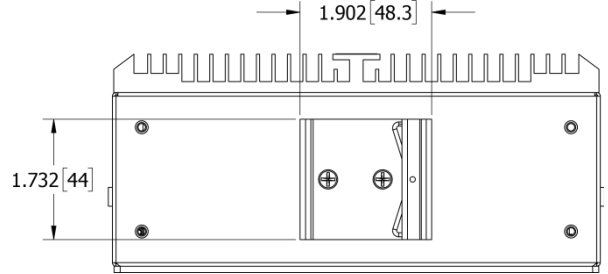
XiR4

MECHANICAL DRAWINGS (XiR4)

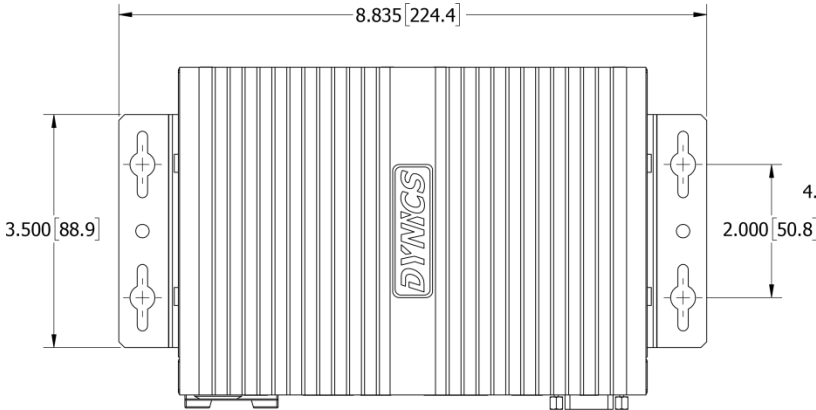
FRONT VIEW



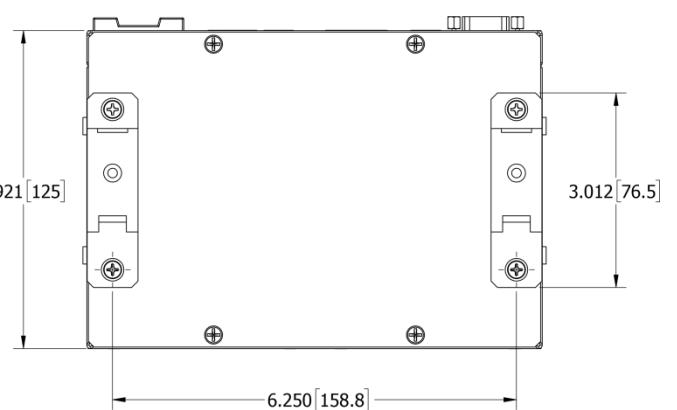
BACK VIEW



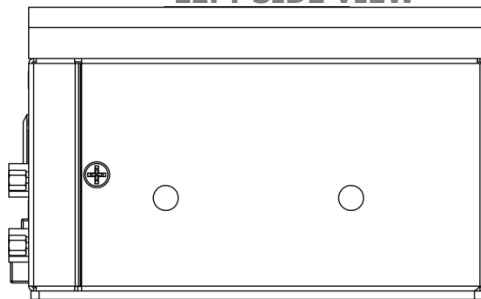
TOP VIEW



BOTTOM VIEW



LEFT SIDE VIEW



RIGHT SIDE VIEW

