

XiV



XiV | COMPUTER MODULE IP50 UNIT

DYNICS XiV is a compact computer built with no moving parts and equipped with an aluminum heatsink in an IP50 sealed form factor, featuring an Intel® 8th Gen Hexa-Core™ i5 / i7 processor. With your choice of operating system, storage and Wi-Fi, the XiV can be configured to suit your production applications.

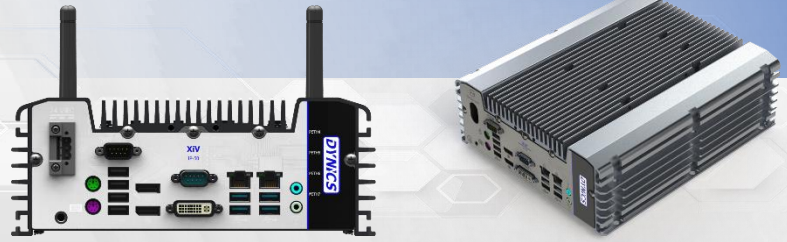
- Fan-less (No Moving Parts)
- Aluminum Heatsink
- 24VDC Power Entry / AC Option
- Optional - Single or Dual Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n
- Graphite Grey & Black Powder Coat Finish
- IP50 Rating

PC SPECIFICATIONS

	Mini-ITX Q370
COMPUTER I/O	
1Gb Ethernet Port (Supporting Intel® AMT)	1x
1Gb Ethernet Port	1x
RS232/422/485 Ports	1x
USB 3.1 Ports	4x
USB 2.0 Ports	4x
PS/2 Port	2x
DVI-D Port	1x
DisplayPorts V1.2	2x
Audio Jacks	2x
CPU / CPU SPEED	<ul style="list-style-type: none"> - Intel® 8th Gen Hexa-Core™ i5-8500T, up to 3.5 GHz, 9MB Cache (6 Cores, 6 Threads) - Intel® 8th Gen Hexa-Core™ i7-8700T, up to 4.0 GHz, 12MB Cache (6 Cores, 12 Threads)
MEMORY	Up to 32GB DDR4
STORAGE	256GB – 2TB SSD / 1TB HDD
OPERATING SYSTEM	<ul style="list-style-type: none"> -Windows® 10 Enterprise IoT LTSC 2019 (64-bit) -Windows® 10 Enterprise IoT LTSC 2021 (64-bit) -Windows® 10 Pro (64-bit) -Windows® 11 Pro (64-bit) -Linux Ubuntu
POWER SUPPLY	24VDC Power Entry (3-Pin Quick Disconnect Included) / 100 ~ 240VAC (6ft. Power Cable Included)
OPTIONAL	Single or Dual Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n
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	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

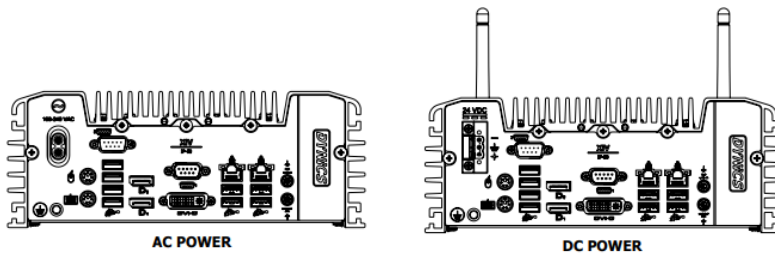
	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION
XiV	3.6" (92.5mm)	9.6" (244.0mm)	11.3" (287.3mm)	13 lbs.*	90 Watts**

* Weights are approximate, contact DYNICS for details.

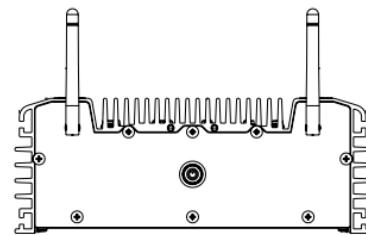
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS (Drawings with optional Dual Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n)

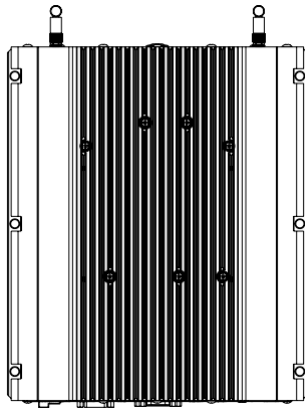
FRONT VIEW



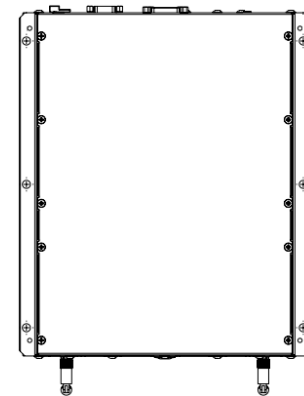
BACK VIEW



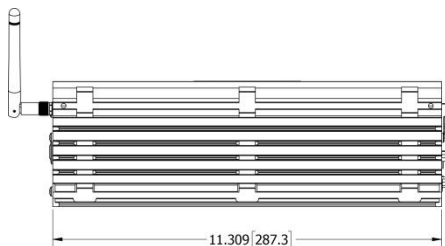
TOP VIEW



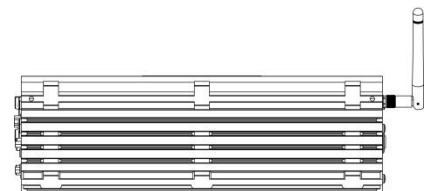
BOTTOM VIEW



LEFT SIDE 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.