

XiAD



XiAD | DESKTOP COMPUTER MODULE

DYNICS XiAD is a very compact computer built with no moving parts and equipped with an aluminum heatsink in a desktop form factor, featuring an Intel® Apollo Lake processor options. With your choice of operating system, storage and optional Wi-Fi the XiAD is a cost-effective entry level desktop computer. The XiAD ships with a stand for setting on a desktop, it also includes panel mounting and DIN Rail brackets. An external AC brick power supply ships with the unit.

- Fanless (No Moving Parts)
- Aluminum Heatsink
- IP20 Rating
- Desktop Chassis
- 24VDC Power Entry
- 100~240 VAC Input Desktop Brick Power Supply Included
- UL Listed
- Graphite Power Coating

PC SPECIFICATIONS

COMPUTER I/O PORTS

1Gb Ethernet Ports
USB 3.0 Ports
Analog VGA Video Ports
HDMI Ports

3.5" Apollo Lake

2x

2x

1x

1x

CPU

CPU SPEED

Intel® Pentium® N4200

Up To 2.5GHz Turbo

2MB Cache (4 Cores, 4 Threads)

MEMORY

STORAGE

Up to 16GB DDR3

128-512GB M.2 2242 Solid State Flash Drive

OPERATING SYSTEM

- Windows® 10 Enterprise IoT LTSC 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)** (Contact DYNICS for more details)

POWER SUPPLY

24VDC Power Entry (Barrel Jack Input)

100~240 VAC Input Desktop Brick Power Supply (PWR-24V-BRK-ACDC-40W) ships with each unit

OPTIONAL

TEMPERATURE

Wi-Fi 2.4 GHz (Dual Antennas)

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

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

INCLUDED

24-Month limited warranty. Extended warranty available, contact DYNICS for more details.

PWR-24V-BRK-ACDC-40W - 40 Watt AC to DC Desktop Brick Power Supply, 6 Ft. US AC Power Cable, Barrel Jack

DIMENSIONS, WEIGHT AND POWER CONSUMPTION

	HEIGHT	WIDTH	DEPTH	WEIGHT*	POWER CONSUMPTION**
XiAD	8.75" (222.3mm)	2.06" (52.5mm) Desktop Stand: 4.40" (111.9mm)	5.19" (131.8mm) Desktop Stand: 6.5" (165.1mm)	1.76 lbs. (0.79kg)	15 Watts

* Weights are approximate, contact DYNICS for details.

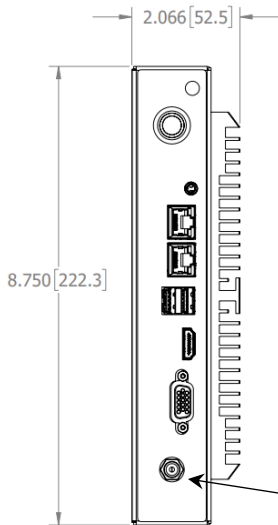
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

XiAD

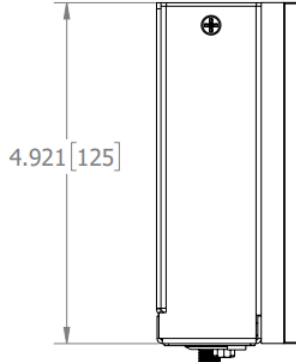
MECHANICAL DRAWINGS



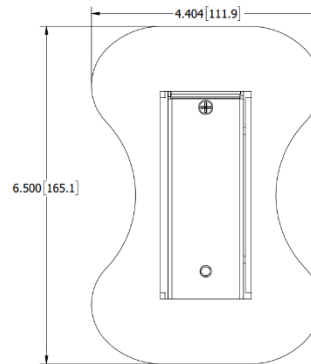
FRONT VIEW



TOP VIEW

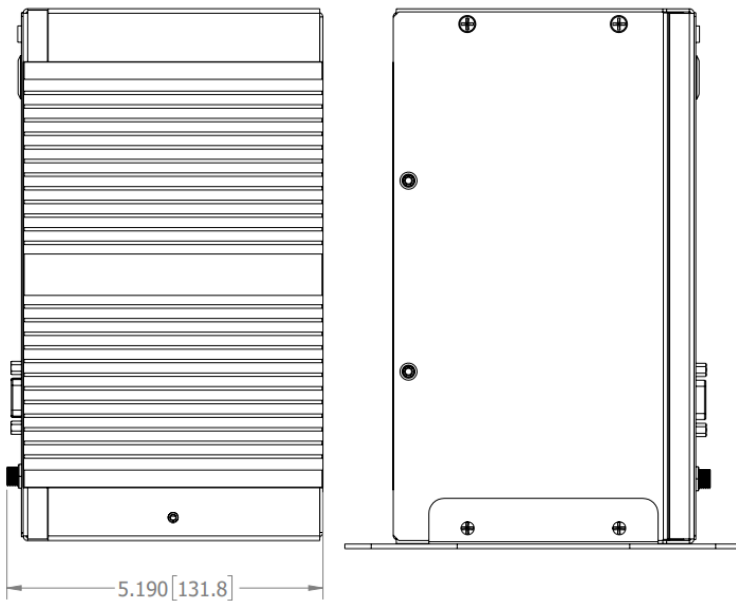


**BOTTOM VIEW
(Desktop Stand)**

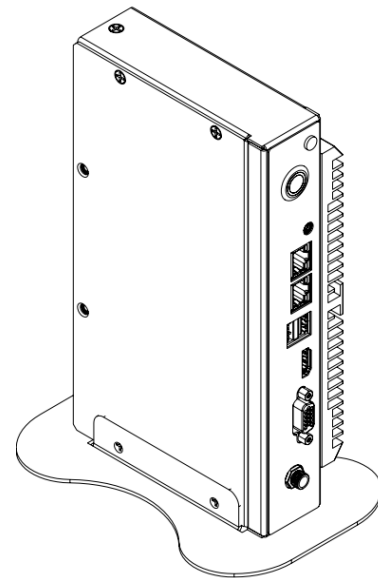


View with optional
Wi-Fi Antenna

SIDE VIEWS



ISO 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.

