



DB Datasheet

DB | Kiosk

DYNICS DB is a communicative industrial kiosk, designed for operating in public areas providing interactive information in a technologically optimized format. It can be a monitor or integrated with a DYNICS Xi, providing this dynamic display with superior multi-media content operable 24/7. The DB is wall mount based with an aesthetic design that is ADA compliant; maintaining space and giving a modern feel to its environment.

Key Features

- Optional:
 - Xi
 - Speakers
 - Wi-Fi
- Rugged Steel Structure
- Infrared 20-Points of Touch
- ADA Compliant: <4" in Depth
- Finish Options and Customizable Peripherals
- 100~240VAC (3-Pin)
- Kiosk
- Wall Mount
- Operable 24/7

Display Specifications

Size:	Resolution:	View Angle:	Contrast:	Brightness:	Aspect Ratio:
32"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	3000:1	350 nits	16:9
42"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	4000:1	500 nits	16:9
46"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	4000:1	500 nits	16:9
Lens	Infrared Touch Sensor / Laminated Glass / USB Interface (Supports Windows®, Linux™ and Mac™ OS)				
LED Life	50,000 Hour Backlight Half-Life				
Enclosure	Powder Coat Finish / Black Color Standard / Custom Colors Available				

PC Specifications

Motherboard:	ProAV (Monitor Only)
I/O	1x HDMI Port 1x DisplayPort 1x VGA Port 1x Audio Jack (Line-In) 1x Remote Control
Power Supply	100~240VAC (3-Pin) Power Entry
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)
Relative Humidity	Non-Condensing: 20% - 80%
Compliance	European Union Directive 2011/65/EU (RoHS)
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.





DB

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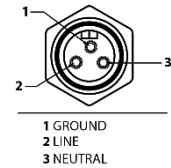
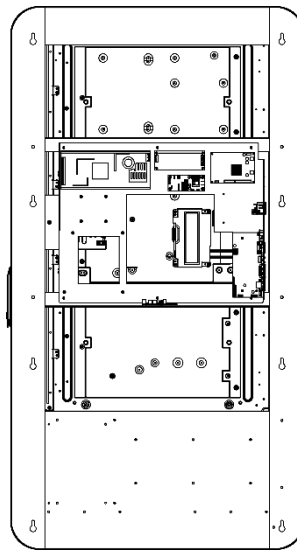
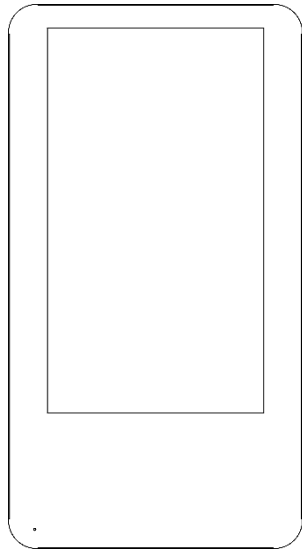
Dimensions and Power Consumptions

	32"	42"	46"
Height:	43.250" (1098.6mm)	53.500" (1358.9mm)	56.836" (1443.6mm)
Width:	23.999" (609.6mm)	28.850" (732.8mm)	30.700" (779.8mm)
Depth:	4.000" (101.6mm)	4.000" (101.6mm)	4.000" (101.6mm)
Power Consumption:	85 Watts**	115 Watts**	150 Watts**

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

Mechanical Drawings

Side View Front View Back View Power Entry (3-Pin) 100~240VAC



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.





Xi Datasheet

Xi | Compact Computer

DYNICS Xi is a compact computer built with no moving parts and equipped with an aluminum heatsink in an IP50 sealed form factor, featuring a 6th Gen Skylake-U core i5 / i7 processor. With your choice of operating system, storage and Wi-Fi; the Xi can be configured to suit your production applications.

Key Features

- 24VDC
- Optional:
 - Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n
- Fan-less (No Moving Parts)
- Aluminum Heatsink
- IP50
- UL Listed

PC Specifications

Motherboard:	Skylake-U 6 th Gen
I/O	1x DVI-D Port 1x DisplayPort 4x USB 3.0 Ports 2x USB 2.0 Ports 2x 1Gb Ethernet Ports 2x RS232/422/485 Ports
CPU	Intel® Core™ i5 6300U / i7 6600U
CPU Speed	i5 – 2.4GHz Base, 3.0GHz Turbo (2 Cores, 4 Threads) i7 – 2.6GHz Base, 3.4GHz Turbo (2 Cores, 4 Threads)
Memory	Up to 16GB DDR4
Power Supply	24VDC Power Entry
Storage	240GB – 2TB SSD / 1TB HDD
Operating System	- Windows® 7 Professional (64-bit) - Windows® 7 Embedded Standard (64-bit) - Windows® 10 Enterprise IoT LTSB 2016 (64-bit)
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)
Relative Humidity	Non-Condensing: 20% - 80%
Shock	Operating: 10G Non-Operating: 15G
Vibration	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
Included	DisplayPort-to-VGA adapter
Compliance	USA: UL 60950-1 (UL Listed), FCC 47 CFR Part 15, Class A Canada: CSA C22.2 No. 60950-1-07 (Cul Listed), ICES-001, Group 1, Class A European Union CE: EN 60950-1, EN 61326-1, CISPR 11, Group 1, Class A European Union Directive 2011/65/EU (RoHS)
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.





Xi

Datasheet

Dimensions, Weight and Power Consumption

	Height:	Width:	Depth:	Weight:	Power Consumption:
Xi	2.890" (73.4mm)	8.051" (204.5mm)	6.421" (163.1mm)	10 lbs.*	60 Watts**

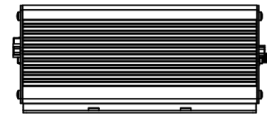
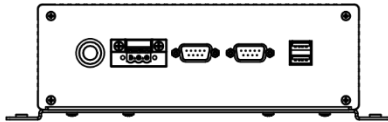
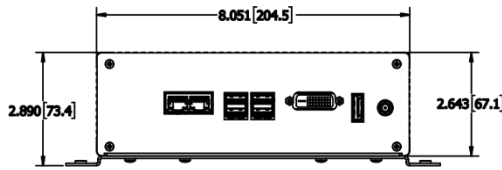
*Weights are approximate, contact DYNICS for details.

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

Mechanical Drawings

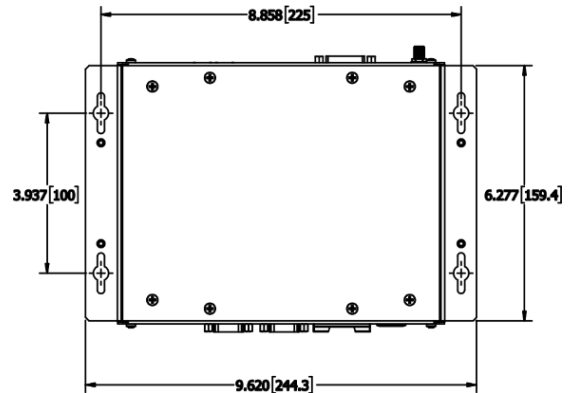
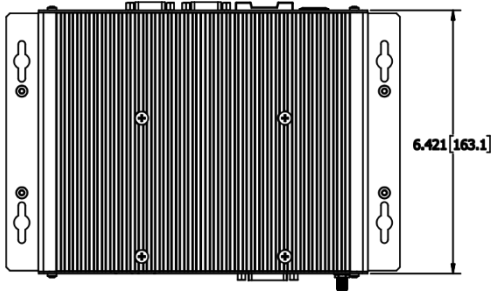
Front and Back Views

Side View

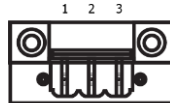


Top View

Bottom View



Power Entry 24VDC



Pin 1: V+
Pin 2: Chassis GND
Pin 3: V-

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