DXD-1
Datasheet

DXD-1 | Industrial Rackmount

DYNICS DXD-1 is a 2U profile rackmount equipped with one motherboard and has four removable drive trays. The DXD's diverse configurations and high-performance make this system suitable for a multitude of server applications.

Key Features

- Optional:
  - Redundant Power Supply
- 4x 2.5" SATA Removable Drive Trays
- 2U Profile, 19" Rackmount
- 100~240VAC
- UL Listed

PC Specifications

Motherboard:	MINI-ITX QM77	MINI-ITX Q170
I/O	1x 1Gb Ethernet Port (Supporting Intel® AMT) 1x 1Gb Ethernet Port 2x RS232/422/485 Ports 2x USB 3.0 Ports 4x USB 2.0 Ports 1x PS/2 Port (Keyboard/Mouse) 1x DVI-I Port 1x HDMI Port 1x DisplayPort 3x Audio Jacks (Mic-In/Line-In/Line-Out)	1x 1Gb Ethernet Port (Supporting Intel® AMT) 1x 1Gb Ethernet Port 1x RS232 Port 4x USB 3.0 Ports 4x USB 2.0 Ports 2x PS/2 Ports (Keyboard & Mouse) 1x DVI-D Port 2x DisplayPorts V1.2 2x Audio Jacks (Mic-In/Line-Out)
CPU	3rd Gen Intel® Core™ i5 3610ME / i7 3610QE	6th Gen Intel® Core™ i5 6500TE / i7 6700TE
CPU Speed	i5 – 2.7GHz Base, 3.3GHz Turbo (2 Cores, 4 Threads) i7 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 8 Threads)	i5 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 4 Threads) i7 – 2.4GHz Base, 3.4GHz Turbo (4 Cores, 8 Threads)
Memory	Up to 16GB DDR3 (32-bit OS Limits Memory to 4GB)	Up to 32GB DDR4
Power Supply	100~240VAC Power Entry (Optional Redundant Power Supply)	
Storage	240GB – 2TB SATA SSD / 1TB HDD / 1 – 2TB Enterprise Grade Hard Drive	
Operating System	**QM77** - Windows® Embedded Standard 2009 (32-bit)	
	Q170 - Windows® 7 (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	1x 6 ft. Power Cable (2x with Redundant Power Supply)	
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.	

RoHS cULus CE MADE IN THE USA

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Dimensions, Weight and Power Consumption

	Height:	Width:	Depth:	Weight:	Power Consumption:
DXD-1	3.469" (88.1mm)	18.980" (482.1mm)	14.048" (356.8mm)	20 lbs.*	105 Watts**

*Weights are approximate, contact DYNICS for details.
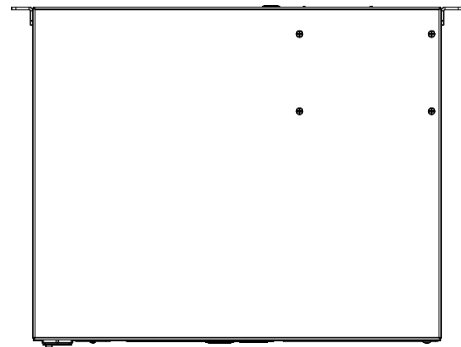**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.
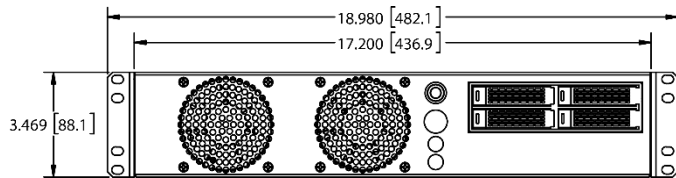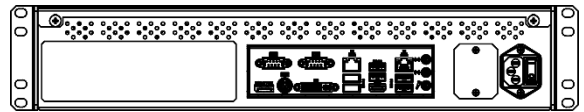
Mechanical Drawings

Top View
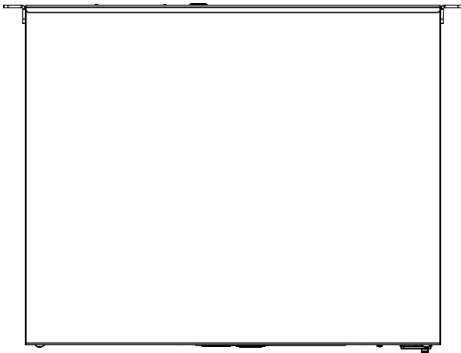
Bottom View

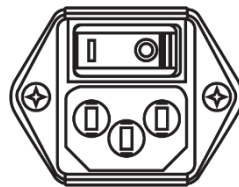### Front View

Back View

18.980 [482.1]
17.200 [436.9]
3.469 [88.1]

Power Entry 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.