



Authorized Distributor



# IC-ITX Datasheet

## IC-ITX | Legacy

DYNICS IC-ITX is a stud-mounted drop-in replacement with a DYNICS bezel for simple serviceability and replacement.

### Key Features

- Legacy
- Full Length PCI
- 100~240VAC / 24VDC
- 2x PCI Slots

### Display Specifications

Size	Resolution	View Angle	Contrast	Brightness	Aspect Ratio
15"	XGA 1024 x 768	H: -80°/+80°, V: -80°/+80°	600:1	350 nits	4:3
17"	SXGA 1280 x 1024	H: -85°/+85°, V: -80°/+80°	1000:1	350 nits	5:4
<b>Lens</b>	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)				
<b>LCD Life</b>	50,000 Hour Backlight Half-Life				
<b>Enclosure</b>	NEMA 4 Powder Coated Aluminum / NEMA 4X Stainless Steel				

### PC Specifications

Motherboard	MINI-ITX QM77	MINI-ITX Q170	MINI-ITX Braswell
<b>I/O</b>	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)	2x 1Gb Ethernet Ports 4x USB 3.0 Ports 1x VGA Port 1x HDMI Port 2x Audio Jacks (Mic-In/Line-Out)
<b>CPU</b>	3 <sup>rd</sup> Gen Intel® Core™ i5 3610ME / i7 3610QE	6 <sup>th</sup> Gen Intel® Core™ i5 6500TE / i7 6700TE	Braswell N3160
<b>CPU Speed</b>	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)	1.6GHz Base, 2.08GHz Turbo (4 Cores, 4 Threads)
<b>Expansion</b>	2x PCI Slots		
<b>Memory</b>	Up to 16GB DDR3 (32-bit OS Limits Memory to 4GB)	Up to 8GB DDR4	Up to 8GB DDR3
<b>Power Supply</b>	100~240VAC / 24VDC Power Entry		
<b>Storage</b>	2.5" SATA and SSD / HDD		
<b>Operating System</b>	- Windows® 7 Embedded Standard (32-bit / 64-bit) - Windows® Embedded Standard 2009 (32-bit only on QM77) - Windows® 10 Professional (32-bit / 64-bit) - Windows® 10 Enterprise IoT LTSC 2016 (32-bit / 64-bit)		
<b>Temperature</b>	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)		
<b>Relative Humidity</b>	Non-Condensing: 20% - 80%		
<b>Shock</b>	Operating: 10G Non-Operating: 15G		
<b>Vibration</b>	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz		
<b>Compliance</b>	European Union Directive 2011/65/EU (RoHS)		
<b>Warranty</b>	24-Month limited warranty. Extended hardware available, contact DYNICS for details.		





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### Dimensions, Weight and Power Consumption

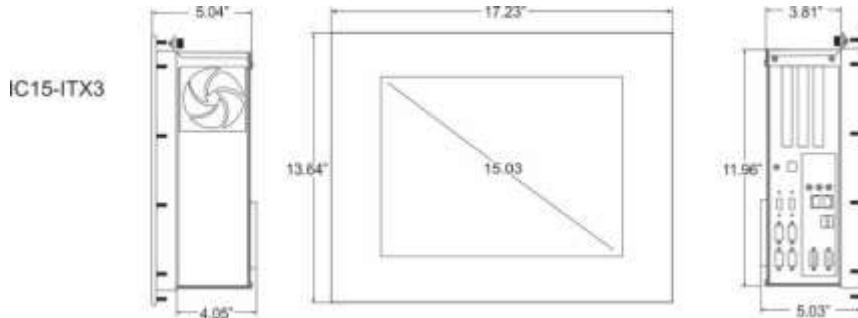
	15"	17"
<b>Height</b>	13.640" (346.4mm)	15.000" (381.0mm)
<b>Width</b>	17.230" (437.6mm)	18.000" (457.2mm)
<b>Depth</b>	5.040" (128.0mm)	5.040" (128.0mm)
<b>Weight</b>	23 lbs.*	28 lbs.*
<b>Power Consumption</b>	150 Watts**	160 Watts**

\*Weights are approximate, contact DYNICS for details.

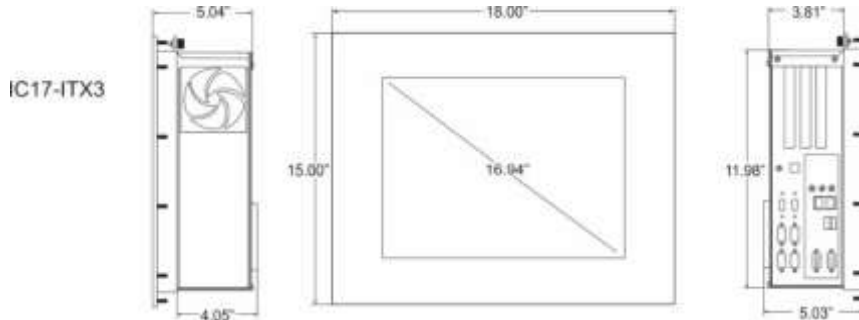
\*\*Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

### Mechanical Drawings

#### 15"



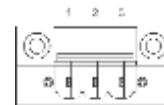
#### 17"



### Power Entry 100~240VAC



### Power Entry 24VDC



Pin 1: GND  
Pin 2: 24VDC GND  
Pin 3: V

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.

