

ITX Industrial PC

The DYNICS ITX Industrial Computer is constructed of rugged steel and built to order.

As a stand-alone PC, or coupled with a DYNICS front module display to create a complete application, the ITX includes an active backplane, 2 full length PCI slots, and an Intel® Core™ i5 or i7 Processor. The ITX is a rugged PC ideal for many production environments.

Bay Trail, 3rd or 4th Gen Core™ i5 or i7 | 120~240VAC or 24VDC | 2 PCI Slots & 1 PCIe x16 Slot



ITX with
Optional Media Drive

Key Features

- Bay Trail, 3rd or 4th Gen Intel® Core™ i5 or i7
- 2 PCI Slots & 1 PCIe x16 Slot
- Up to 16GB RAM DDR3
- Optional Removable Drive Tray
- OS Options Available
- 2.5" SATA SSD and HDD Options

PC Specifications

Motherboard	Bay Trail	MINI-ITX QM77	MINI-ITX Q87
System I/O	1x 1Gb Ethernet Port 2x RS232 Ports 2x USB 2.0 Ports 2x USB 3.0 Ports 1x VGA Port 1x HDMI Port 2x Audio Jacks (Mic-In/Line-Out)	1x 1Gb Ethernet Port 1x 1Gb Ethernet Port Supporting Intel® vPro™ AMT 2x RS232/422/485 Ports 4x USB 2.0 Ports 2x USB 3.0 Ports 1x DVI-I Port 1x HDMI Port 1x DisplayPort 1x PS/2 Port (Mouse/Keyboard) 3x Audio Jacks (Mic-In/Line-Out)	1x 1Gb Ethernet Port 1x 1Gb Ethernet Port Supporting Intel® vPro™ AMT 1x RS232/422/485 Port 6x USB 2.0 Ports 2x USB 3.0 Ports 1x DVI-I Port 2x DisplayPorts 2x PS/2 Ports (Mouse/Keyboard) 3x Audio Jacks (Mic-In/Line-Out /Line-In)
CPU	Intel® Celeron® J1900	3 rd Gen Intel® Core™ i5 3610ME or i7 3610QE	4 th Gen Intel® Core™ i5 4570TE or i7 4770TE
CPU Speed	2.00GHz Base, 2.41GHz Turbo (4 Cores, 4 Threads)	i5 – 2.7GHz Base, 3.3GHz Turbo (2 Cores, 4 Threads) i7 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 8 Threads)	i5 – 2.7GHz Base, 3.3GHz Turbo (2 Cores, 4 Threads) i7 – 2.3GHz Base, 3.3GHz Turbo (4 Cores, 8 Threads)
Memory	Up to 8GB DDR3	Up to 16GB DDR3	Up to 16GB DDR3
Power Consumption AC	65 Watts*	130 Watts*	130 Watts*
Power Consumption DC	60 Watts*	120 Watts*	120 Watts*

*Power Consumption Based On Maximum Ratings. Actual Ratings Vary Significantly Based On Components Used.

Expansion	2 Full Size PCI Slots
Storage Drives	2.5" SATA SSD (60GB, 120GB, 240GB, or 480GB) or HDD (320GB or 1TB)
Operating System	Windows® Embedded Standard 2009 (32-bit Only, Available on QM77 Motherboard), Windows® Embedded Standard 7 (32-bit or 64-bit), Windows® 7 Professional (32-bit or 64-bit), Windows® 10 Pro (64-bit), Windows® 10 Embedded (64-bit) (Win 10 IOT ELTSB)
Optional Drive	Slim DVD/DVD-RW/CD/CD-RW or Dual Drive Removable Trays
Power Supply	120~240VAC or 24VDC Power Entry
Temperature	Operating: 0° to 50°C (32° to 122°F) Non-Operating: -25° to 60°C (-13° to 140°F)
Relative Humidity	Non-Condensing: 20% to 80%
Shock	Operating: 10G Non-Operating: 15G
Vibration	Operating: 1.0G from 57~2000Hz Non-operating: 2.5G from 57~2000Hz
Warranty	24-Month Limited Warranty. Extended Warranty Available, Contact DYNICS for Details.

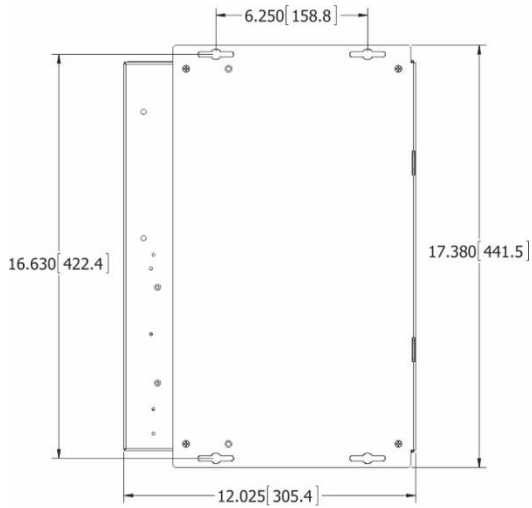
Dimensions and Weight

ITX	Height	Width	Depth	Weight
	4.243" (107.8mm)	12.025" (305.4mm)	17.380" (441.5mm)	12.058lbs**

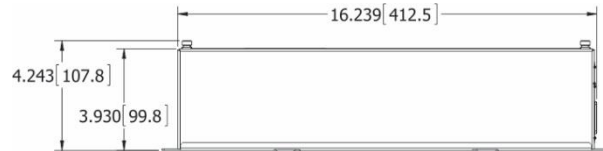
**Weights Are Estimated. Contact DYNICS For Details.

Mechanical Drawing

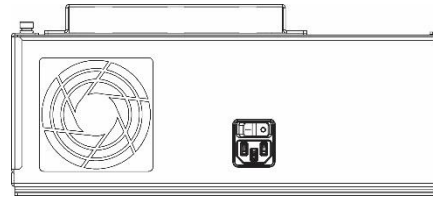
Bottom View



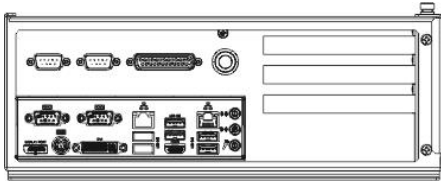
Side View



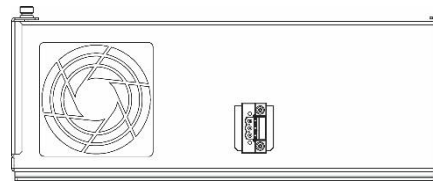
AC View



I/O View



DC View



All measurements are in inches and pounds unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on additional options. DYNICS reserves the right to change, modify, upgrade, or discontinue at its discretion any part of this datasheet without prior notice.