

IPC3 | Industrial Desktop Computer

The DYNICS IPC3 solid configuration makes for the ideal remote communication between a control room and processors anywhere throughout the plant. The system availability also makes for a reliable and consistent computer.

This highly configurable PC includes, a DVD R/RW drive, and an active backplane with 2 PCI slots. Options include additional storage and multiple operating systems.

120~240VAC | Active Backplane with 2 PCI Slots | DVD Drive



Key Features

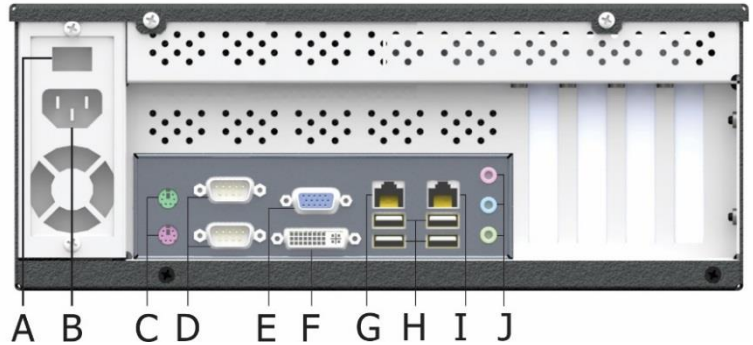
- Micro ATX Intel® Core™ Series Mobile Board
- Slim DVD RW Drive
- Active Backplane with 2 PCI Slots
- Up to 8GB RAM DDR3
- 120~240VAC Power Entry
- 2.5 SATA SDD and HDD Options
- Multiple OS Options

PC Specifications

Motherboard	Micro ATX
System I/O	1x PCIe x16 Slot 1x PCIe x4 Slot 2x PCI Slots 1x 1Gb Ethernet Port 1x 1Gb Ethernet Port Supporting Intel® vPro™ AMT 4x USB 2.0 Ports 2x RS232 Ports 2x PS/2 Ports 1x VGA Port 1x DVI Port 3x Audio Jacks (Line-In/Line-Out/Mic-In)
CPU	Core™ i5 520M Core™ i7 620M
CPU Speed	Core™ i5 2.40GHz Base, 2.933GHz Turbo (2 Cores, 4 Threads), Core™ i7 2.66GHz Base, 3.333GHz Turbo (2 Cores, 4 Threads)
Storage Drives	2.5" SATA SSD and HDD Options
Operating System	Windows® Embedded Standard 2009 (32-bit only Available on QM77), Windows® Embedded Standard 7 (32-bit or 64-bit), Windows® 7 Professional (32-bit or 64-bit)
Memory	Up to 8GB DDR3
Power Supply	120~240VAC Full Range Power Entry
Power Consumption: AC	70 Watts* Maximum, 50 Watts* Typical (Empty Card Slots)
*Power Consumption is Based On Maximum Ratings. Actual Ratings Vary Based On Components Used.	
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.

I/O Setup for IPC3

Item	Description
A	1x Power Switch
B	1x 120~240VAC Full Range Power Entry
C	2x PS/2 Ports (Mouse & Keyboard)
D	2x RS232 Ports
E	1x VGA Port
F	1x DVI Port
G	1x 1Gb Ethernet Port Supporting Intel® vPro™ AMT
H	4x USB 2.0 Ports
I	1x 1Gb Ethernet Port
J	3x Audio Jacks (Line-In, Line-Out, Mic)



Dimensions

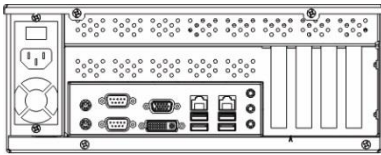
	Height	Width	Depth	Weight	Power Consumption
IPC3	4.740" (120.4 mm)	12.180" (309.4 mm)	14.332" (364.0 mm)	8 lbs.**	Typical: 50 Watts* Maximum: 70 Watts*

**Weight Are Approximate. Call DYNICS for Details.

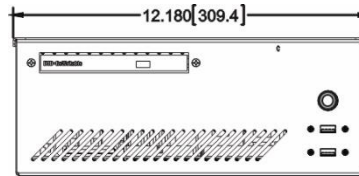
*Power Consumption Are Based On Typical And Maximum Ratings. Actual Ratings Vary Significantly Based On Components Used.

Mechanical Drawings

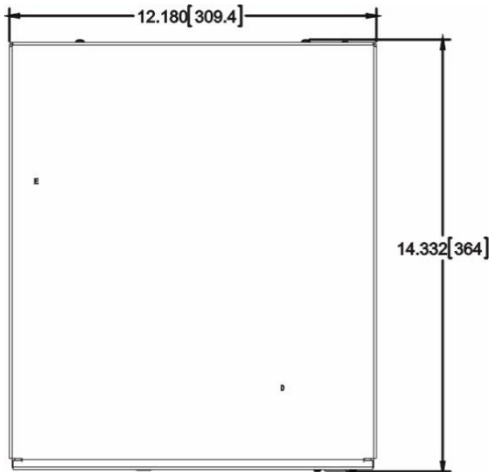
IPC3 I/O View



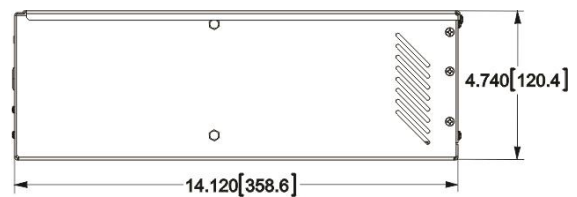
IPC3 Front View



IPC3 Top View



IPC3 Side 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.