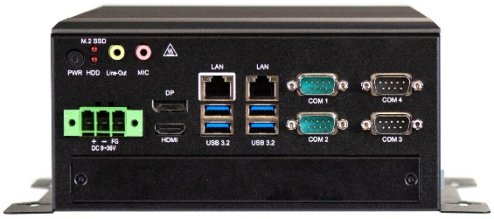
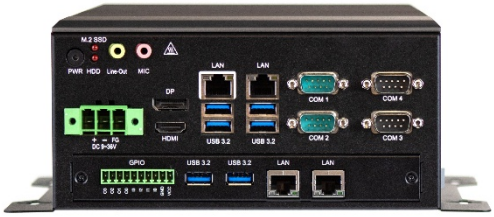
IPC2360A | Box PC Series

Heavy Duty Industrial Box PC With Intel® 14th Gen. i-Core Processors

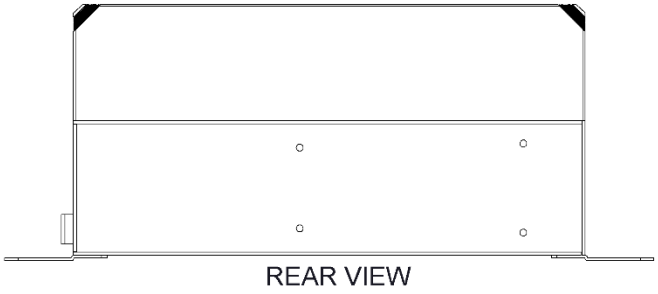




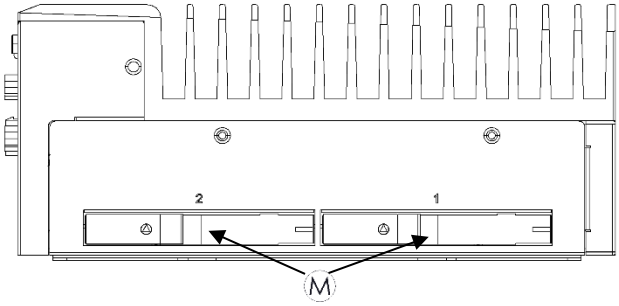
Shown with optional expansion module

- 4K Ultra High Definition* Resolution Supported
- Microsoft Windows® 10/11 IoT or Linux® OS Options
- Optional RAID 0 and RAID 1 Support
- Optional Wi-Fi Kit / GPIO Expansion
- Steel Chassis, Aluminum Heatsink
- Wall Mount
- Integrate with AVEVA™ Edge Software

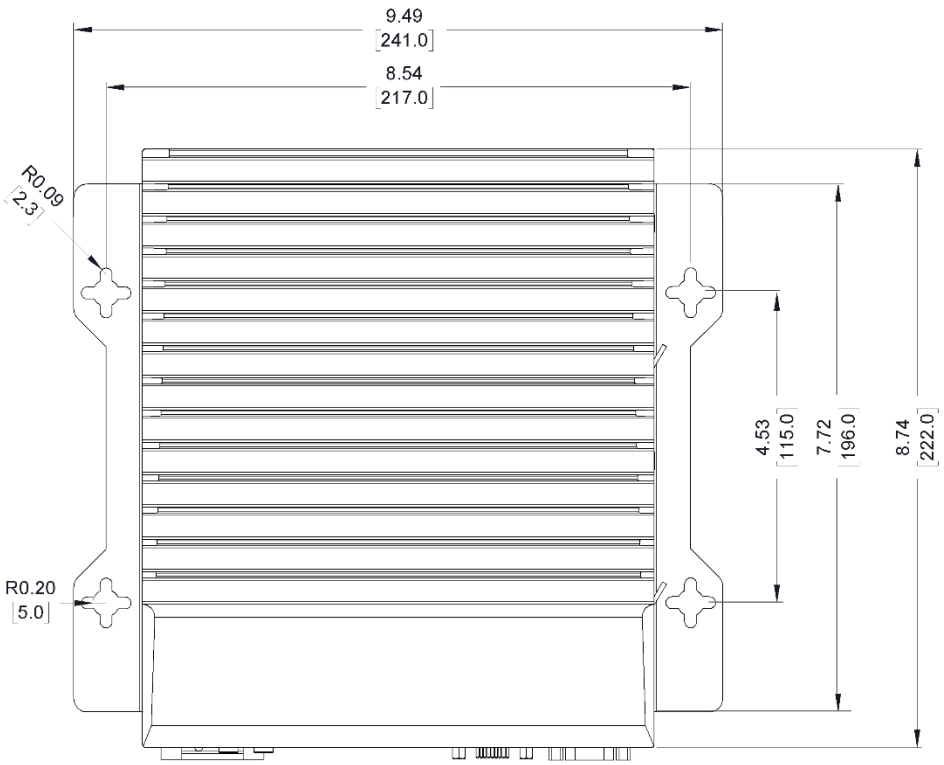
System	**CPU**	Intel® Quad Core™ : i3-14100T @ 4.4GHz Intel® Deca Core™ : i5-14400T @ 4.5GHz Intel® Icosa Core™ : i7-14700T @ 5.2GHz (Supports vPro)
	System Chipset	SoC: Intel Q670E
	TPM	TPM 2.0
	System Memory Options	2 x DDR5 262-pin SO-DIMM RAM (8, 16, 32, 64 GB)
	CPU Graphics	Intel HD Graphics
Front Panel I/O	**USB**	4 x USB 3.2 type A
	Serial	4 x RS-232/422/485 DE-9P, COM1, COM2, COM3, COM4
	Audio	1 x 3.5 mm Line-out 1 x 3.5 mm Mic-in
	Display Interface	1 x HDMI® 2.0A port (max. 4096 x 2160 pixels) 1 x DisplayPort 1.4A (max. 7680 x 4320 pixels)
	LAN	LAN1: 2.5GbE RJ-45 (Supports vPro) LAN2: 2.5GbE RJ-45
	Wireless LAN	6 x Wireless LAN Antenna ports (covered unless optional Wi-Fi Expansion kit purchased)
	Power	1 x 3-pin connector header, DC power input
	Power Switch	1 x Momentary Pushbutton with LED
Storage	**Solid State Drive Options****	1 x M.2 2280 PCIe NVME 3D TLC (128, 256, 512 GB, 1TB, 2TB SSD) RAID 0 and RAID 1 Options Available**
	SD Card Slot	N/A
Expansion	**Expansion Options**	Optional Wi-Fi Kit (IEEE802.11a/b/g/n/ac/ax card and 2x antenna, Bluetooth 5.2 Support) Optional Expansion with GPIO (4 in/4 out), 2 x USB 3.2 type A, 2 x GbE RJ-45
Electrical	**Input Voltage**	9~36 VDC
	Input Current	16.15A ~ 4.03A
	Input Power	145W
Mechanical	**Construction**	Titanium Gray Aluminum Heat Sink, Black Steel Chassis
	Rating	N/A
	Mounting	Wall Mount (Wall mounting brackets installed, hardware not included)
	Dimension (W x H x D)	8.54 x 3.74 x 8.74 inches [217 x 95 x 222 mm]
	Net Weight	Approx. 8.60 lbs. [3.9 kg]
Environmental	**Operating Temperature**	-4~140°F [-20~60°C]
	Storage Temperature	-40~185°F [-40~85°C]
	Storage Humidity	10 to 90% @ 40°C, non-condensing
	Certification	CE / FCC Class A / RoHS
Operating System	**Microsoft Windows® Options**	Microsoft Windows® 10 IoT Enterprise Embedded LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise LTSC 64-bit (PKEA) Microsoft Windows® 11 IoT Enterprise Embedded LTSC 64-bit (EPKEA) Microsoft Windows® 11 IoT Enterprise LTSC 64-bit (PKEA) Microsoft Windows® 11 Professional
	Linux® Options	Linux® Ubuntu Desktop Linux® Ubuntu Server
Notes	* 4K UHD Resolution supported via HDMI® and DisplayPort connections ** Additional RAID 0 and RAID 1 SSD options available. Contact sales@maplesystems.com for more details. Specifications subject to change without notice	



REAR VIEW

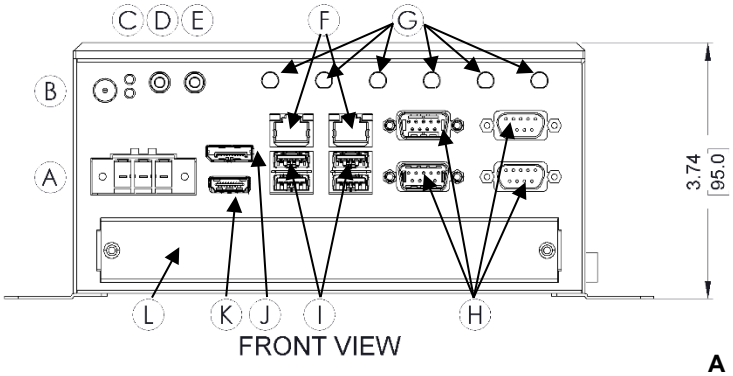


SIDE VIEW



TOP VIEW

Dimensions are in inches [mm]



FRONT VIEW

A	DC Power Input	**I**	USB 3.2 Host Port x4
B	Power Button	**J**	DisplayPort
C	LED Indicator Lights	**K**	HDMI™ Port
D	1 x 3.5 mm Line-out	**L**	Expansion Slot
E	1 x 3.5 mm Mic-in	**M**	SSD Bays 1 & 2
F	Gigabit Ethernet Ports x2		
G	Antenna Fixture (Optional)		
H	Serial COM Ports DE9P x4		

Why Buy A Maple Industrial PC

In addition to our powerful and affordable hardware, we'll also continue to support your company long after a sale. Wide product selection, large in-stock inventory, outstanding product warranty, free technical support and software, and in-house repairs with quick turnaround times, Maple Systems has your business covered.

Customize To Meet Your Needs

Companies have chosen Maple Systems solutions over Allen-Bradley, Omron, Siemens, Panasonic, and so many others, in hundreds of applications, in every industry, and in every type of organization. Our Industrial PCs are designed to resolve your toughest automation challenges in manufacturing, processing, and fabrication environments, and because we offer thousands of different configurations, designing your IPC to meet your unique requirements is easy.

All our Industrial PCs are ideal for applications in industrial automation, healthcare, manufacturing, oil & gas, packaging, building automation, water, energy, agriculture, food & beverage, and more. Our offerings include high brightness/sunlight readable displays, extended temperature IPCs, stainless steel enclosures, and Class I, Div 2 certified IPCs. Learn more about the industries we serve and discover why more and more companies are choosing Maple Systems.

Supports Your 3rd Party Software

Since our Industrial PCs can be configured with either a Windows™ or Linux™ Operating System, adding your own software is easy. Don't be tied to expensive industrial computers or HMIs just because of a name. Our IPCs support FactoryTalk®, Ignition SCADA®, Emerson Ovation®, Simatic SCADA®, Predator Touch HMI®, and hundreds of other HMI and SCADA software solutions.

We are a proud partner of Award-winning AVEVA™ Edge. This powerful HMI/SCADA software package enables you to create custom industrial control applications for your unique industry, putting you in the driver's seat of creating your industrial process. With easy-to-use commands/ tool bars and a Microsoft Windows® programming environment, AVEVA™ Edge's feature-rich application puts you in the driver's seat of creating your industrial process. Learn more about AVEVA Edge.

Build your SCADA

We offer all the components you need to create your own unique level of supervisory data acquisition and control, from the simplest stand-alone machine to sophisticated multi-device networked production line(s), all the way to enterprise-level operations and IIoT functionalities leveraging cloud connectivity.

Our products can help you standardize communications between devices, gluing different systems together for one source to your SCADA. No need to redesign your entire application. Keep the components that are already working for you, just add Maple Systems components to grow your abilities to supervise, control, and acquire data.

Application Story

Pharmaceutical Equipment

Adding a Maple Systems Stainless Steel Industrial Panel PC with Wi Fi to an existing machine saved this OEM time and money

This OEM manufacturer uses a Maple Systems Industrial Panel PC for their production-series tablet pressing machines. The rotary tablet press boasts features essential for successful mid-sized tableting without the full-scale price. This application required a cost effective 12" panel touch screen industrial PC with enough computing power for their custom software and reporting system. They also required the front bezel be stainless steel with a IP69K rating to meet washdown sanitization requirements. See how we support the Pharmaceutical and Medical Industry.

Case Study

Water / Wastewater Treatment

Our High Brightness Industrial Panel PC with Wi-Fi checked all the boxes for this System Integrator

During their large revamping of a utility control system, Aqua Sierra's customer North Tahoe Utilities needed a PC-based HMI to run a simple Wonderware SCADA project as an interface. The PC needed to allow 3rd party software logging and reporting tools for their utility management system. The control room facility is climate controlled with large windows and bright overhead lighting. The remote facility did not have Ethernet cabling out to the PC location, however there was a Wi-Fi router connection nearby. Read how we support the Water & Wastewater industry.

Application Story

Dairy / Agriculture Equipment

The Stainless Steel enclosure makes this Industrial Panel PC the right choice for the food and beverage industry

This customer is a leading OEM manufacturer of custom stainless steel processing equipment and a preferred provider of quality products and services to the cheese, dairy, food, beverage and other sanitary industries. The customer's dairy processing equipment required an IPC that operators can interface with while wearing gloves. Another major requirement is that the PC be IP69K washdown rated to endure the regular cleaning and disinfecting required; and for compliance and record keeping, the customer needed real time data logging and storage using a 3rd party historian application running on the PC. Read more about the Food & Beverage OEMs we support everyday.