COMPACT DESIGN POWERFUL POSSIBILITIES

IMAGO SPC box

RELIABILITY • CONNECTIVITY • FLEXIBILITY



- 11TH GEN INTEL CORE
- FANLESS COOLING
- UP TO 32 GB DDR4
- DUAL LAN
- 6 COM PORTS

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FEATURES AND APPLICATIONS



A COMPACT PLATFORM WITH EXTENSIVE INDUSTRIAL CONNECTIVITY

IMAGO SPC box combines passive cooling, a compact fanless enclosure and a broad set of interfaces. It supports 11th generation Intel processors, dual Gigabit LAN, multiple serial ports and flexible storage, making it suitable for retail, automation, control and embedded applications.

KEY FEATURES

FANLESS DESIGN
Quiet passive cooling with no moving fan.

11TH GEN INTEL
Celeron and Core i3, i5 and i7 options.

EXTENSIVE I/O
10 USB ports, 6 COM ports and dual LAN.

FLEXIBLE STORAGE
M.2 NVMe or SATA plus a 2.5-inch drive bay.

DUAL DISPLAY
HDMI 2.0 and VGA, with optional second HDMI.

INDUSTRIAL READY
Wide operating range and wall-mount chassis.

UP TO	DISPLAY	NETWORK	POWER
32 GB DDR4	4K at 60 Hz	2 x Gigabit LAN	12 V / 19 V DC

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sales@imago-systems.com

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CONNECTIVITY AND DIMENSIONS

INTERFACE CONFIGURATIONS

Front I/O

4 x USB 2.0 • 3 x COM • 2 x Wi-Fi antenna • power button



Rear I/O - display options

HDMI + VGA or dual HDMI • 2 x LAN • 2 x USB 3.2 • 4 x USB 2.0 • audio • 3 x COM



MECHANICAL DIMENSIONS



177 × 150 × 65 mm
202 × 150 × 65 mm including wall-mount flange

INSTALLATION DATA

Colour	Black
Cooling	Fanless passive
Mounting	Wall-mount flange
Operating temp.	-10°C to 60°C
Storage temp.	-20°C to 70°C
Humidity	5%-95% RH
Vibration	0.5 g rms
OS	Windows / Linux

PORT OVERVIEW

DISPLAY
1 x HDMI 2.0
1 x VGA
Optional 2nd HDMI 2.0

DATA
2 x Gigabit LAN
2 x USB 3.2 Gen1
8 x USB 2.0

INDUSTRIAL
6 x COM
RS232 / 422 / 485 option
Wake on LAN / PXE

EXPANSION
M.2 Key-M storage
M.2 Key-E Wi-Fi
M.2 Key-B 4G / 5G

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TECHNICAL SPECIFICATION

Processor	Intel Celeron 6305E or 11th Gen Intel Core i3 / i5 / i7 options
Memory	1 x DDR4 memory slot, 2133 / 2400 / 2666 / 2933 / 3200 MHz, up to 32 GB
Cooling	Fanless thermal block with integrated chassis heat dissipation
Display	1 x HDMI 2.0 up to 4096 x 2160 at 60 Hz; 1 x VGA up to 1920 x 1080 at 60 Hz; optional second HDMI 2.0
Network	2 x RJ45 Gigabit LAN with Intel i226-V; Wake on LAN and PXE boot support
USB	2 x USB 3.2 Gen1 and 8 x USB 2.0
Serial ports	6 x COM, RS232 by default; COM1 can be configured for RS232 / RS422 / RS485
Audio	1 x line-out and 1 x microphone input
Primary storage	1 x M.2 Key-M 2280, NVMe PCIe by default; SATA protocol option; M.2 2242 optional
Secondary storage	1 x SATA 3.0 interface and internal bay for a 2.5-inch SSD / HDD
Wireless expansion	1 x M.2 Key-E 2230 for Wi-Fi with Bluetooth option; 2 x external antenna connectors
Mobile network	1 x M.2 Key-B interface for 5G module; configurable for 4G module
Power input	DC connector, 2.5 mm inner diameter; 12 V / 19 V DC
Power supply	Approx. 60 W full-load motherboard consumption; recommended 12 V 7 A or 19 V 6.3 A power supply or higher
Dimensions	177 x 150 x 65 mm; 202 x 150 x 65 mm including wall-mount flange
Colour	Black
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Relative humidity	5%-95%, non-condensing
Operating vibration	0.5 g rms, 5-500 Hz, random, operating
BIOS functions	Power-on boot, scheduled power-on and remote power-on / off
Watchdog	Programmable hardware reset, 256 levels, 0-255 seconds
Operating system	Windows 11, Windows 10 and Linux

Configuration availability may vary. Confirm the final I/O and processor configuration before ordering.

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PROCESSOR OPTIONS

IMAGO SPC box | supported 11th generation Intel CPUs

The CPU list is provided as a platform reference. Confirm availability and the final thermal profile with the sales team.

FAMILY	MODEL	CORES & BASE CLOCK	TURBO	TDP
Celeron	6305E	2 cores / 2.8 GHz	-	15 W
Core i3	1115G4E	2 cores / 2.2 GHz	3.9 GHz	15 W
	1115GRE	2 cores / 2.2 GHz	3.9 GHz	15 W
	1115G4	2 cores / 3.0 GHz	4.1 GHz	28 W
	1125G4	4 cores / 2.0 GHz	3.7 GHz	28 W
Core i5	1145G7E	4 cores / 1.5 GHz	4.1 GHz	15 W
	1145GRE	4 cores / 1.5 GHz	4.1 GHz	15 W
	1145G7	4 cores / 2.6 GHz	4.4 GHz	28 W
	1135G7	4 cores / 2.4 GHz	4.2 GHz	28 W
	1155G7	4 cores / 2.5 GHz	4.5 GHz	28 W
Core i7	1185GRE	4 cores / 1.8 GHz	4.4 GHz	15 W
	1185G7E	4 cores / 1.8 GHz	4.4 GHz	15 W
	1185G7	4 cores / 3.0 GHz	4.8 GHz	28 W
	1165G7	4 cores / 2.8 GHz	4.7 GHz	28 W
	1195G7	4 cores / 2.9 GHz	5.0 GHz	28 W

IMPORTANT

Processor availability, TDP settings, RAM and storage capacity depend on the selected configuration. The product images are illustrative; port configuration should be confirmed in the final quotation.

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