IPC 685-C6HZ

epatec Industrial PC

Fanless Industrial PC with Intel Core 8th / 11th Gen Processors

- Intel Core i3 / i5 / i7
- Dual Gigabit LAN
- 8× USB
- Dual Display
- mSATA SSD + 2.5" SATA
- Up to 64GB DDR4
- 6× COM Ports
- Fanless Design

CPU Board	CPU	Onboard Intel Core i3-8145U / i5-1135G7 / i7-1195G7
	Graphics	Intel UHD Graphics (i3) / Iris Xe Graphics (i5/i7)
	RAM	2× DDR4 3200MHz SO-DIMM, up to 64GB
Front Interfaces	Button	1× Power Button
	USB	3× USB 3.0 + 1× USB 2.0
	Terminal GPIO	1× Phoenix 12-pin Terminal (4DI / 4DO + Power Switch + 5V)
	COM	1× RS232 / RS485 / CAN
	SIM	1× SIM Card Slot
Rear Interfaces	USB	2× USB 3.0 + 2× USB 2.0
	Network	2× Intel I225 Gigabit LAN
	Audio	Line-out / MIC
	COM	5× RS232 (configurable RS485 / CAN)
	Display	1× HDMI , 1× VGA
	Power Port	1× DC Jack + 1× Terminal Phoenix 3-pin (DC 9V ~ 36V)
Storage	SATA	1× 2.5" SATA SSD / HDD
	mSATA	1× mSATA SSD
Expansion	Cellular	Mini PCIe 4G LTE
	Wireless	M.2 WiFi (Optional)
Power Supply	Voltage Input	DC 9V a 36V
System	Functions	Wake-on-LAN, PXE Boot, Watchdog Timer, Auto Power On
Mechanical	Structure/Material	Aluminium alloy
	Color	Black
	Dimension	205 × 191 × 57 mm
	Net Weight	1.92kg
	Installation	Desktop / Embedded
Environment	Operating Temperature	-10 °C a 50 °C
	Relative Humidity	5–95%, non-condensing

Configuration	Processor	Standard I/O Ports	Memory & Storage	Expansion
Entry	Intel Core i3 - 8145U	2 LAN / 8 USB / 6 COM / 1 HDMI + 1 VGA / 4I4O GPIO	DDR4 Up to 64GB / mSATA SSD + 2.5" SATA	WiFi / 4G
Standard	Intel Core i5 - 1135G7	2 LAN / 8 USB / 6 COM / 1 HDMI + 1 VGA / 4I4O GPIO	DDR4 Up to 64GB / mSATA SSD + 2.5" SATA	WiFi / 4G
Advanced	Intel Core i7 - 1195G7	2 LAN / 8 USB / 6 COM / 1 HDMI + 1 VGA / 4I4O GPIO	DDR4 Up to 64GB / mSATA SSD + 2.5" SATA	WiFi / 4G

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