

**Model:** EPC-H110-4COM-4EP  
 Wall-mount (Shoebox) Industrial Intel® 6/7/8<sup>th</sup> Gen. Core™ i Computer, with  
 4 x COM (2 x RS232/485) & 2 x PCI and 2 x PCI-E Expansion Slots



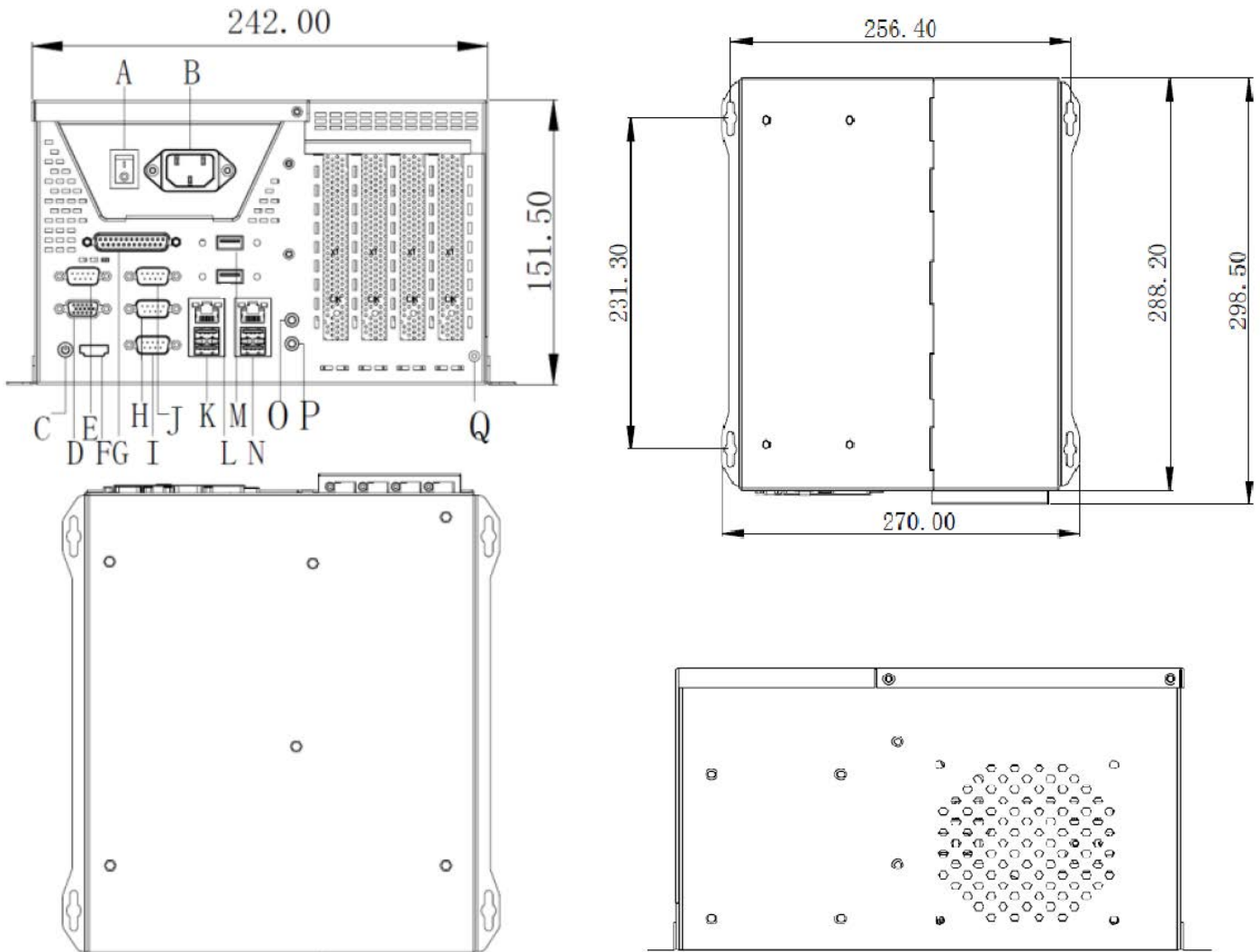
**Application:**

Factory Automation; Processor Automation; Intelligent Traffic Control; Vision Inspection; CCTV/DVR system; Marine / Offshore Industrial ...

Specification	
Item	Description
Processor	Intel® 6/7/8 <sup>th</sup> Gen. Core™ i processor ( LGA 1151)
Chipset	Intel H110
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
Storage	1 x 2.5" HDD/SSD drive bay, 1 x mSATA (full size)
Audio	Realtek ALC662 6 channel HD Audio, Line-Out & Mic.-In
LAN	2 x Intel® i210, Gigabit LAN Controller
USB port	4 x USB 2.0/3.0, 2 x USB 2.0
Graphic	Intel® UHD Graphics 630, with VGA + HDMI output
Expansive interface	2 x PCI, 1 x PCI-E X4, 1 x PCI-E X16 Slots
I/O port	2 x RJ45, 4 x USB 2.0/3.0, 1 x VGA, 1 x HDMI, 1 x Lin-in / Lin-out, 2 x RS232, 2 x RS232/485, 2 x USB, 1 x Power Switch, 1 x AC IEC input socket
Power Supply (12VDC)	350watt, 110/240V AC input
Construction	Heavy duty steel
Watchdog Timer	0 - 255 second programmable
Environment	Operating temperature: -20 °C to 60 °C Storage temperature: -40 °C to 80 °C Storage humidity: 10% to 90% non-condensing Operating, IEC 60068-2-64, 1Grms, random, 5 - 500Hz, 1 hr/axis
Safety	CE/FCC/ROHS
Dimension W x H x D ( mm )	270 x 298.5 x 151.5
Ordering Information	
<b>EPC-H110-4COM-4EP</b>	Wall-mount (Shoebox) Industrial Intel Core™ i Computer
<b>Optional - Intel Processor</b>	Intel® 6/7/8 <sup>th</sup> Gen. Core™ i processor ( LGA 1151)

Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	64GB to 2TB 2.5''SSD, 500GB to 2TB 2.5'' SATA HDD
Optional - OS	DOS, Windows 7 / 8.1 / 10 Professional, Linux

### Structure Diagram



### IO View

- |                               |                           |                           |                   |
|-------------------------------|---------------------------|---------------------------|-------------------|
| <b>A:</b> Power On/Off Switch | <b>B:</b> AC input        | <b>C:</b> PWR button      | <b>D:</b> VGA     |
| <b>E:</b> COM4                | <b>F:</b> HDMI            | <b>G:</b> DIO (Optional)  | <b>H:</b> COM1    |
| <b>I:</b> COM2                | <b>J:</b> COM3            | <b>K:</b> 2 x USB 2.0/3.0 | <b>L:</b> GLAN    |
| <b>M:</b> 2 x USB 2.0         | <b>N:</b> 2 x USB 2.0/3.0 | <b>O:</b> Line-Out        | <b>P:</b> Mic.-In |
| <b>Q:</b> GND                 |                           |                           |                   |

### Processor List

Core Name	Processor	CPU No	CPU Speed	Cache	Wattage	GPU
Coffee Lake	Core i7	i7-8700T	2.4 - 4.0 (6 x Core)	12M	35	HDGraphics630 1150MHz
Coffee Lake	Core i7	i7-8700	3.2 - 4.6 (6 x Core)	12M	65	HDGraphics630 1150MHz
Coffee Lake	Core i5	i5-8600T	2.3 - 3.7 (6 x Core)	9M	35	HDGraphics630 1150MHz
Coffee Lake	Core i5	i5-8600	3.1 - 4.3 (6 x Core)	9M	65	HDGraphics630 1150MHz
Coffee Lake	Core i5	i5-8500T	2.1 - 3.5 (6 x Core)	9M	35	HDGraphics630 1100MHz
Coffee Lake	Core i5	i5-8500	3.0 - 4.1 (6 x Core)	9M	65	HDGraphics630 1100MHz
Coffee Lake	Core i5	i5-8400T	1.7 - 3.3 (6 x Core)	9M	35	HDGraphics630 1050MHz

Coffee Lake	Core i5	i5-8400	2.8 - 4.0 (6 x Core)	9M	65	HDGraphics630 1050MHz
Coffee Lake	Core i3	i3-8300T	3.2 (4 x Core)	8M	35	HDGraphics630 1100MHz
Coffee Lake	Core i3	i3-8300	3.7 (4 x Core)	8M	62	HDGraphics630 1150MHz
Coffee Lake	Core i3	i3-8100T	3.1 (4 x Core)	6M	35	HDGraphics630 1100MHz
Coffee Lake	Core i3	i3-8100	3.6 (4 x Core)	6M	65	HDGraphics630 1100MHz
Coffee Lake	Pentium	G5600T	3.3 (2 x Core)	4M	35	HDGraphics630 1050MHz
Coffee Lake	Pentium	G5600	3.9 (2 x Core)	4M	54	HDGraphics630 1100MHz
Coffee Lake	Pentium	G5400T	3.1 (2 x Core)	4M	35	HDGraphics610 1050MHz
Coffee Lake	Pentium	G5400	3.7 (2 x Core)	4M	58	HDGraphics610 1050MHz
Coffee Lake	Celeron	G4950	3.3 (2 x Core)	2M	54	HDGraphics610 1050MHz
Coffee Lake	Celeron	G4930T	3.0 (2 x Core)	2M	35	HDGraphics610 1000MHz
Coffee Lake	Celeron	G4930	3.2 (2 x Core)	2M	54	HDGraphics610 1050MHz
Kabylake	Core i7	i7-7700T	2.9	8M	35	HDGraphics630 1150MHz
Kabylake	Core i7	i7-7700	3.6	8M	65	HDGraphics630 1150MHz
Kabylake	Core i5	i5-7600T	2.8	6M	35	HDGraphics630 1100MHz
Kabylake	Core i5	i5-7600	3.5	6M	65	HDGraphics630 1150MHz
Kabylake	Core i5	i5-7500T	2.7	6M	35	HDGraphics630 1100MHz
Kabylake	Core i5	i5-7500	3.4	6M	65	HDGraphics630 1100MHz
Kabylake	Core i5	i5-7400T	2.4	6M	35	HDGraphics630 1000MHz
Kabylake	Core i5	i5-7400	3	6M	65	HDGraphics630 1000MHz
Kabylake	Core i3	i3-7320	4.1	4M	51	HDGraphics630 1150MHz
Kabylake	Core i3	i3-7300T	3.5	4M	35	HDGraphics630 1100MHz
Kabylake	Core i3	i3-7300	4	4M	51	HDGraphics630 1150MHz
Kabylake	Core i3	i3-7100T	3.4	3M	35	HDGraphics630 1100MHz
Kabylake	Core i3	i3-7100	3.9	3M	51	HDGraphics630 1100MHz
Kabylake	Pentium	G4620	3.7	3M	51	HDGraphics630 1100MHz
Kabylake	Pentium	G4600T	3	3M	35	HDGraphics630 1050MHz
Kabylake	Pentium	G4600	3.6	3M	51	HDGraphics630 1100MHz
Kabylake	Pentium	G4560T	2.9	3M	35	HDGraphics610 1000MHz
Kabylake	Pentium	G4560	3.5	3M	54	HDGraphics610 1050MHz
Kabylake	Celeron	G3950	3	2M	51	HDGraphics610 1050MHz
Kabylake	Celeron	G3930T	2.7	2M	35	HDGraphics610 1050MHz
Kabylake	Celeron	G3930	2.9	2M	51	HDGraphics610 1050MHz
Skylake	Core i7	i7-6700T	2.8	8M	35	HDGraphics530 1100MHz
Skylake	Core i7	i7-6700	3.4	8M	65	HDGraphics530 1150MHz
Skylake	Core i5	i5-6600T	2.7	6M	35	HDGraphics530 1100MHz
Skylake	Core i5	i5-6600	3.3	6M	65	HDGraphics530 1150MHz
Skylake	Core i5	i5-6500T	2.5	6M	35	HDGraphics530 1100MHz
Skylake	Core i5	i5-6500	3.2	6M	65	HDGraphics530 1050MHz
Skylake	Core i5	i5-6400T	2.2	6M	35	HDGraphics530 950MHz
Skylake	Core i5	i5-6400	2.7	6M	65	HDGraphics530 950MHz
Skylake	Core i3	i3-6320	3.9	4M	51	HDGraphics530 1150MHz
Skylake	Core i3	i3-6300T	3.3	4M	35	HDGraphics530 950MHz
Skylake	Core i3	i3-6300	3.8	4M	51	HDGraphics530 1150MHz
Skylake	Core i3	i3-6100T	3.2	3M	35	HDGraphics530 950MHz
Skylake	Core i3	i3-6100	3.7	3M	51	HDGraphics530 1050MHz
Skylake	Pentium	G4520	3.6	3M	51	HDGraphics530 1050MHz
Skylake	Pentium	G4500T	3	3M	35	HDGraphics530 950MHz
Skylake	Pentium	G4500	3.5	3M	51	HDGraphics530 1050MHz
Skylake	Pentium	G4400T	2.9	3M	35	HDGraphics510 950MHz
Skylake	Pentium	G4400	3.3	3M	54	HDGraphics510 1000MHz
Skylake	Celeron	G3920	2.9	2M	51	HDGraphics510 950MHz
Skylake	Celeron	G3900T	2.6	2M	35	HDGraphics510 950MHz
Skylake	Celeron	G3900	2.8	2M	51	HDGraphics510 950MHz