

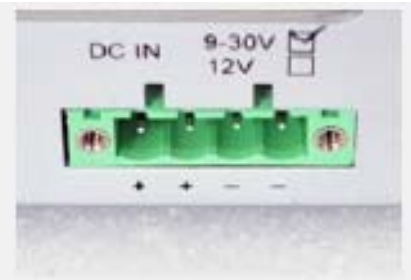
**Model: MPCX-H81-6COM-2P**  
**Intel® H81 Chipset Based - Industrial Fanless Computer, with 6 x COM (2 x RS232/485) & 2 x PCI Expansion Slots**



8KV ESD, TVS 600W Surge Protection for COM port



Direct HDD connection  
No internal cabling



Screwing Type power terminal  
12VDC or 9-30VDC input



2 x PCI  
Expansion Slots

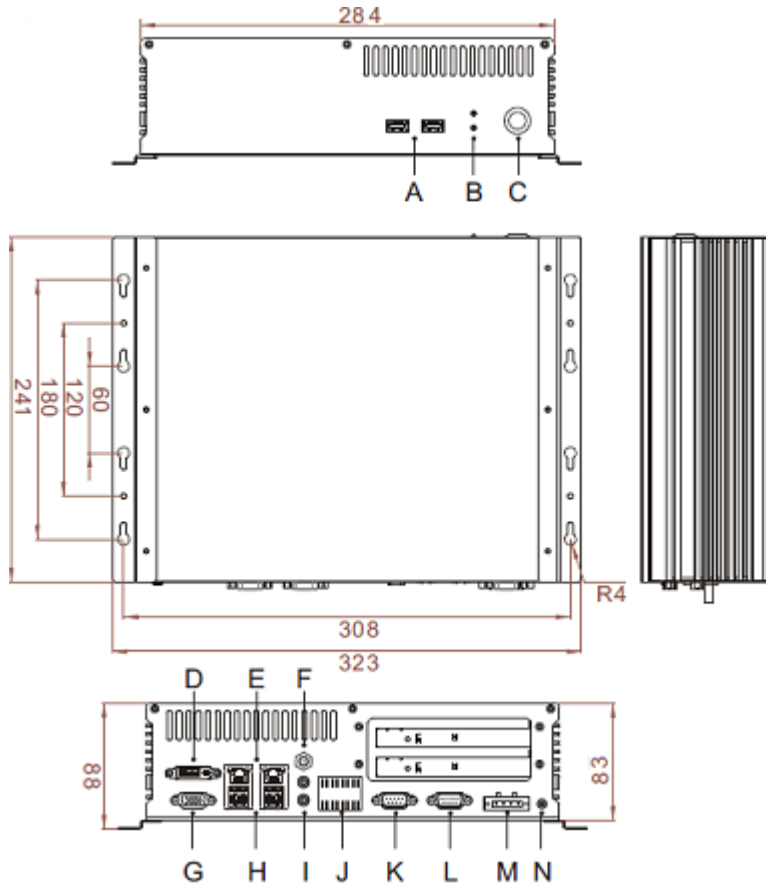
**Application:**

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

Specification	
Item	Description
Processor	Intel® Pentium® Processor G3220, (3.0 GHz, 3M Cache, LGA 1150)
Chipset	Intel H81
Memory	2 x DDRIII SO-DIMM Socket up to 16GB

Storage	Space for 1 x 2.5" HDD/SSD
Audio	Realtek ALC662, 6 channel surround audio
LAN	2 x Intel® i210 (or Realtek RTL8111E), Gigabit LAN Controller
USB port	2 x USB 2.0 and 4 x USB 2.0/3.0 (with 8KV ESD)
Graphic	Intel HD Graphic Accelerator, with VGA/DVI output
Expansive interface	1 x Mini PCI-E (support WIFI & 3G card); 2 x PCI Slots <b>Optional:</b> 1 x PCI + 1 x PC-E X4, or 1 x PCI + 1 x PC-E X16
I/O port	2 x RJ45; 6 x USB 2.0/3.0; 1 x VGA; 1 x DVI; 1 x Lin-in / Lin-out; 4 x RS232; 2 x RS232/485; 1 x Power Switch; 1 x DC input terminal
Power Supply	12VDC input
Construction	Heavy duty steel and aluminum (Fanless Design)
Watchdog Timer	1 - 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 Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak ( 11m sec)
Safety	CE/FCC/ROHS
Dimension W x H x D ( mm )	284 x 241 x 83
<b>Ordering Information</b>	
<b>MPCX-H81-6COM-2P</b>	Intel® H81 Chipset Based - Industrial Fanless Computer, with Intel® Pentium ® Processor G3220 (3.0 GHz, 3M Cache, Dual Core)
<b>Optional - i3</b>	Upgrade to Intel Core i3 Processor 4130 (3.4 GHz, 3M Cache, Dual Core)
<b>Optional - i5</b>	Upgrade to Intel Core i5 Processor 4570T (2.9 - 3.6 GHz, 4M Cache, Dual Core)
<b>Optional - i5</b>	Upgrade to Intel Core i5 Processor 4460S (2.9 - 3.4 GHz, 6M Cache, Quad Core)
<b>Optional - i5</b>	Upgrade to Intel Core i5 Processor 4590T (2.0 - 3.0GHz, 6M Cache, Quad Core)
<b>Optional - i7</b>	Upgrade to Intel Core i7 Processor 4470S (3.1 - 3.7GHz, 8M Cache, Quad Core)
<b>Optional - RAM</b>	4 to 16GB DDRIII SO-DIMM RAM
<b>Optional - SSD / HDD</b>	128 GB to 1TB SSD / 500GB to 1TB 2.5" SATA HDD
<b>Optional - WIFI</b>	MINI PCI-E WIFI Module with Antenna
<b>Optional - OS</b>	Windows 7 or 10 Professional, Linux

Structure Diagram



- A:** USB 2.0
- B:** PWR & HDD LED
- C:** Power Switch

- D:** DVI
- E:** GLAN
- F:** WIFI (optional)
- G:** VGA
- H:** USB 3.0
- I:** Audio In/Out
- J:** COM 3-6, DC out, Remote
- K:** COM 2
- L:** COM 1
- M:** DC Input
- N:** GND