

## 8<sup>th</sup> Gen Cubic Box PC with 4 x GLAN

### Features

- Fanless solution and compact housing
- 8<sup>th</sup> Gen Intel® Core™ Celeron 4305UE/ i3 8145UE / i5 8365UE / i7 8665UE Processors
- 4 x USB 3.2, 2 x USB 2.0, 4 x RS232 / RS422 / RS485,
- 4 x GLAN, 1 x HDMI, 1 x DP
- 1 x M.2 M Key, 1 x M.2 B Key, 1 x M.2 E key.
- GPIO 16 bits
- Wall Mount / DIN Rail installation



### Specifications

Model No.	CB140/141/142/143SD	CB140/141/142/143SW
<b>System</b>		
<b>CPU</b>	8 <sup>th</sup> Gen Intel® Core™ Celeron 4305UE/ i3 8145UE / i5 8365UE / i7 8665UE Processors CPU (On Board)	
<b>Memory</b>	2 x 260-pin DDR4 2400MHz SODIMM up to 32 GB	
<b>H/W Monitor</b>		
<b>H/W Monitor</b>	Watch Dog Timer 256 Level	
<b>TPM</b>		
<b>Controller</b>	Infineon SLB9670TT2.0	
<b>Front Panel</b>		
<b>Power LED</b>	1	
<b>HDD LED</b>	1	
<b>I/O Ports</b>		
<b>USB 3.2</b>	4	
<b>USB 2.0</b>	2	
<b>RS232 / RS422 / RS485</b>	4	
<b>GLAN</b>	4	
<b>HDMI</b>	1	
<b>DP</b>	1	
<b>GPIO</b>	16 bits ( 8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors	
<b>Storage</b>		
<b>Storage</b>	2 x SATA 3.0	
<b>Expansion</b>		
<b>M.2</b>	1 x M.2 M Key(SATA) 2242 1 x M.2 B Key ( PCI e x 1, USB 3.1, USB2.0 with NANO SIM Holder ) 2242 / 3042 1 x M.2 E Key ( PCI e x 1 USB 2.0, w/CNVi ) 2230	
<b>Power Requirement</b>		
<b>Power Requirement</b>	2 Pin power terminal block for DC in 12 ~ 24V ( OCP & OVP )	
<b>OS support</b>		
<b>OS support</b>	Win Pro 10 / Win 10 IoT LTSC/SAC (64 bit RS5) / Linux fedora 29 Ubuntu 18.04	
<b>Mechanical &amp; Environmental</b>		
<b>Operation Temp.</b>	0 ~50°C	
<b>Storage Humidity</b>	10 ~ 90%, non-condensing	
<b>Mounting</b>	DIN Rail	Wall mount



<b>Construction</b>	Aluminum heatsink + Steel chassis
<b>Dimension (WxDxH)</b>	185 x 110 x 76 mm
<b>Weight</b>	1.3Kg
<b>Optional</b>	
<b>P/N: 2390000003</b>	External antenna (WIFI)
<b>P/N: 3121700002</b>	External antenna (5GB LTE module)
<b>P/N: 3121700001</b>	External antenna (4GB LTE module with SIM socket)
**Specifications are subject to change without notice.	

Ordering Information	
<b>DIN Rail installation</b>	
<b>CB140SD04128</b>	Fanless DIN Rail Box PC, Intel Celeron 4305UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB141SD04128</b>	Fanless DIN Rail Box PC, Intel i3 8145UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB142SD04128</b>	Fanless DIN Rail Box PC, Intel i5 8365UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB143SD04128</b>	Fanless DIN Rail Box PC, Intel i7 8665UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>Wall Mount installation</b>	
<b>CB140SW04128</b>	Fanless wall mount Box PC, Intel Celeron 4305UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB141SW04128</b>	Fanless wall mount Box PC, Intel i3 8145UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB142SW04128</b>	Fanless wall mount Box PC, Intel i5 8365UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter
<b>CB143SW04128</b>	Fanless wall mount Box PC, Intel i7 8665UE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in external power adapter

\*\*If you select i3/i5/i7 for IIoT gateway, please contact us for further information. Our service email : [sales@kingdy.com.tw](mailto:sales@kingdy.com.tw)



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