

## >> ABC X-CPU-5 v57 – control with visualization

An **ABC Touch Industrial Panel** and our **ABC X-CPU-4 w57** complement each other very well and build in combination an unbeatable team, the **ABC X-CPU-5 v57**.

The **ABC X-CPU-5 v57** is equipped with a Profibus/Profinet/EtherCAT master and can thus directly operate the IO level.

The integrated control technology is programmed and parameterized with Siemens STEP7 or the TIA portal.

In addition, of course, there is also a suitable visualization for operating and monitoring your process space.



### Features:

- 15,0" or 21,5" TFT LCD
- Intel® Skylake-U Core Celeron CPU
- 1 x DDR4 2133 SODIMM, 4GB
- 240GB SSD SATA
- Windows 10
- 1 x fieldbus master or slave (Profibus, Profinet, EtherCAT)
- High Performance corresponds to S7-CPU417 ((average 10ns/operation); OS dependent)
- Programming is done in STEP7 and TIA
- Siemens STEP7/TIA/PCS7 compatible control technology based on Windows
- Does not require a Simatic NET installation

### ABC IT GmbH

Virchowstraße 19/19a • D-90409 Nuremberg  
Fon +49-(0)911-394 800 0 • Fax +49-(0)911-394 800 99  
<http://www.abcit.eu> • E-Mail: info@abcit.eu

<b>Technical data hardware</b>		
<b>System</b>		
CPU	Intel® Skylake Celeron 3855U 1.6GHz	
Chipset	Intel® SOC	
System memory	1*DDR4 2133 MHz SODIMM, 4 GB	
Storage	240GB SSD SATA	
Display	LED backlight TFT LCD and HDMI (4K resolution), Intel® HD Graphics 510/520	
Touch	15,0": resistive / capacitive 21,5": capacitive	
Resolution	15,0": 1024*768 21,5": 1920*1080	
Real I/O	2 x COM: 2 x RS232, 2 x RS232/422/485, 4 x USB3.0 Type A, 1 x HDMI, 2 x RJ45	
Front I/O	1 x USB2.0 Type A	
LAN	Intel I210AT Chip, 10/100/1000 Mbps	
Power Supply	9 - 36VDC	
OS	Windows 10	
<b>Mechanical &amp; Environmental</b>		
Construction	aluminum die casting front bezel, fin-shaped radiator shell	
Operating temperature	0~50°C -HDD, -10~55°C -SSD, with airflow	
Storage temperature	-20~60°C	
Storage humidity	10~95%@40°C, non-condensing	
Shock	10g peak acceleration (duration 11ms), in operating with HDD	
Vibration	1g 5~500Hz, in operating with HDD	
Mounting	Panelmounting, VESA 100*100 mm and 75 x 75 mm	
EMC	CE, FCC Class A	
<b>Technical data software</b>		
<b>Timers/Counters</b>	S7 timers 2048	S7 counters 2048
<b>Data range and remanence</b>		
Markers	16 KByte from MB 0 to MB 16383	
Process image	16 KByte ON/16 KByte OFF From EB 0 to EB 16383/AB 0 to AB 16383	
Blocks	max. 64 KByte	
FBs max.	65535	
FCs max.	65535	
Data blocks max.	65534	
Alarms	time interrupts 9	
Load memory	64 Mbyte	
Work memory	48 Mbyte	
Communication jobs	10000	