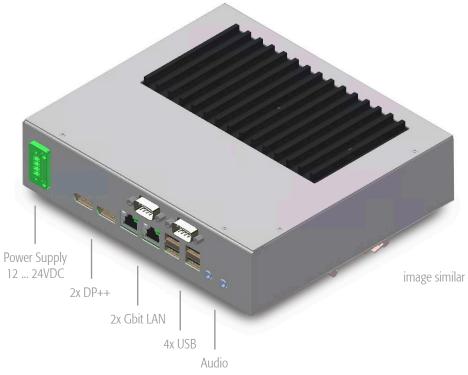
Syslogic commercial series

Industrial compact PC with Intel® Core™





IPC/COMPACTc6

This fan less COMPACTc6-ML generation is based on the 6th Generation Intel® Core™ i3, i5 and i7 processor technology and offers a wide range of interface options.

The robust and uncompromising industrial design allows the implementation in the most demanding applications and guarantees long term availability.

- Multi-core 64-bit Intel® Core™ processor
- 24/7 continuous operation
- No moving parts
- Product lifecycle management
- Long term availability







Product Highlights

Hardware Watchdog Temperature supervision Real time clock ESD- protection on all interfaces Windows IoT ready

Product Feature

Intel[®] Core[™] i Series (6th Generation) up to 2.6GHz, 2 Cores up to 32GB RAM DP++, Ethernet, USB3, RS232, Mini PCle

Markets / Applications

Industrial Automation Medical Cleantech **Building Automation**

	Order Code	CPC/MITX6i3H-A101 ¹	CPC/MITX6i5H-A101 1	CPC/MITX6i7H-A101 ¹
Processor / Performance				
Intel i3-6100U up to 2.3 GHz 64-bit		•		
Intel i5-6300U up to 2.4 GHz 64-bit			•	
Intel i7-6600U up to 2.6 GHz 64-bit				•
Memory				
DDR4 2133MHz RAM		4GB	4GB	4GB
DDR4 2133MHz RAM up to 32GB		optional	optional	optional
Features				
Real time clock PC compatible		•	•	•
Multi Stage Watchdog		•	•	•
Battery backup		•	•	•
Communication Interfaces				
LVDS (2x24bit)		•	•	•
DisplayPort++		2	2	2
micro SD Card socket		<u>-</u> 1	<u>-</u> 1	
M.2 Type B		1	1	1
SATA 3 interface standard 2 (can be configured as RAID)		2	2	2
USB version 2.0 ²		4	4	4
USB version 3.0 (Type A)		4	4	4
Ethernet 10/100/1000 Mbit (i219 / i211-AT)		2	2	2
RS232 ESD protected (DSUB9)		up to 2	up to 2	up to 2
HD Audio		•	•	•
Technical Data				
Dimensions 204 x 180 x 57 mm (housing)		•	•	•
Net weight [gram]		~1500	~1500	~1500
Input voltage 12 24VDC non-isolated		•	•	•
Current consumption typ. [mA] @ 24V without Add-Ins		tbd	tbd	tbd
Power consumption typ. [Watt] @ 24V without Add-Ins		tbd	tbd	tbd
Environmental Conditions				
Standard operating temperature (ambient) ³		0°C +55°C	0°C +55°C	0°C +55°C
Storage temperature -20 +80° C		•	•	•
Protection standard		IP40	IP40	IP40
Shock: designed to meet EN60068-2-27		•	•	•
Vibration: designed to meet EN60068-2-6		•	•	•
EMC according to EN-55022/55024/61000-6-2/61000-6-4	1	•	•	•
Safety according to EN62368-1:2016		•	•	•
MTBF excluding battery		tbd	tbd	tbd
Optionalional enhancement cards				
Wireless Module (GSM/UMTS / GPS / WiFi) 1		optional	optional	optional
Dlease contact factory for minimum order quantities		,	1	1

¹ Please contact factory for minimum order quantities

Product specifications subject to change without notice. | All data is for information purposes only and not guaranteed for legal purposes. Information in this data sheet has been carefully checked and is believed to be accurate. However, no responsibility is assumed for inaccuracies. Please refer to the user documentation for additional product specification.

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² Internal connector

³ Depending on installation situation and interface connection. Please see user documentation.