



for Industrial Grade UNITS

- Box PCs
- Panel PCs
- Networking & Communication

and COMPONENTS

- Power Supplies
- Embedded Computing
- TFT Displays & Touchscreens

Cost effective. For any application.

- Long-term availability
- High reliability, wide temperature range
- Smart form factors, low power, high efficiency

...because in the long run, it counts what really differentiates and makes sense.



Take advantage of our Know-How.

Box PCs



Computer	iPC 00 138	iPC 00 139	iPC 00 142
Processor	Intel Atom Processor D2550 1,86 GHz	Intel Celeron N2930 quad core 1,83 GHz	Intel Haswell 4th Gen. Core i3
Chipset	SoC		
Memory	2 GB DDR3 / 4GB (option)	2 GB DDR3 / 4GB (option)	4 GB DDR3L
I/O ports	2x USB 2.0, 2x RS232, 2x GbE LAN, 1x Audio Line-out, 1x VGA, 1x HDMI	1x USB 3.0, 3x USB 2.0, 2x RS232, 2x GbE LAN, 1x Audio Line-out, 1x VGA, 1x HDMI	2x USB 3.0, 2x USB 2.0, 2x RS232, 2x GbE LAN, 1x Audio Line-out, 1x VGA, 1x HDMI
Storage	1x Half Size 1,8" SATA2 HDD, 1x SD slot	1x 2,5" SATA2 HDD, 1x SD slot	1x 2,5" SATA3 HDD, 1x SD slot
Expansion	1x Mini PCIe slot (full size)	1x Mini PCIe slot (full size)	1x Mini PCIe slot (full size)
Operating System	Windows Embedded Standard 7, Windows 7 Professional		
Power	9 ~ 36 V DC		
Mechanical properties			
Construction	Aluminium chassis		
Rating	IP 20		
Mounting	Wall-mounted, VESA 75 (option), VESA 100 (option), Din (option)	Wall-mounted, VESA 100, Din (option)	Wall-mounted, VESA 100
Dimensions (w x h x d) (mm)	246,2 x 139,8 x 29,2	297 x 173 x 33,9	375,6 x 177,7 x 35
Weight (kg)	1,1	1,6	2,0
Environment			
Operating temperature	-20°C to 60°C		
Storage temperature	-40°C to 85°C		

Box PCs



Computer	iPC 00 160	iPC 00 161
Processor	Intel Celeron N2930 quad core 1,83 GHz	Intel 4th Gen. Core i3 / i5 (option)
Chipset	SoC	
Memory	2 GB DDR3L / 4GB (option)	4 GB DDR3L / 8 GB (option)
I/O ports	2x USB 3.0, 4x USB 2.0, 3x RS232, 2x GbE LAN, 1x Audio Line-out, 1x VGA, 1x HDMI	2x USB 3.0, 4x USB 2.0, 3x RS232, 2x GbE LAN, 1x Audio Line-out, 1x VGA, 1x HDMI
Storage	1x 2,5" SATA HDD	
Expansion	1x Mini PCIe slot (half size), 1x Mini PCIe slot (full size)	1x Mini PCIe slot (full size)
Operating System	Windows Embedded Standard 7, 10 IoT, 7 Professional, 10 Professional	
Power	9 ~ 36 V DC	
Mechanical properties		
Construction	Grey aluminium cooler, black steel frame	
Rating	IP 20	
Mounting	Wall-mounted	
Dimensions (w x h x d) (mm)	207 x 130 x 35,5	247 x 149 x 68
Weight (kg)	1,0	2,5
Environment		
Operating temperature	0°C to 50°C	
Storage temperature	-20°C to 60°C	

Ready-to-use UNITS.
Touch Monitors, Box- and Panel PCs, Ethernet Switches.

Performance Panel PCs



Computer	iPC 12 119TC	iPC 15 119TC	iPC 16 119TC
Processor	Intel 4th Gen. Core i3		
Chipset	SoC		
Memory	4 GB DDR3L / 8 GB (option)		
I/O ports	2x USB 3.0 typ A, 4x RS232, 2 x GbE LAN, 1x Audio Line-out, 1x HDMI		
Storage	1x 2,5" SATA HDD, 1x SD slot		
Expansion	1x Mini PCIe slot (half size)		
Operating System	Windows Embedded Standard 7, 10 IoT, 7 Professional, 10 Professional		
Display			
Type	12,1" TFT-LCD	15" TFT-LCD	15,6" TFT-LCD
Resolution	1024 x 768	1024 x 768	1366 x 768
Colours	16,2M	16,7M	16,7M
Brightness (cd/m2)	450, 1000 (option)	460, 1000 (option)	300, 1000 (option)
Angles H/V	160/140	160/140	160/160
Touch Screen			
Type	Capacitive, resistive (option)		
Light Transmission	90%, 80% (resistive option)		
Power	9 ~ 36 V DC		
Mechanical properties			
Construction	Aluminium front frame, aluminium chassis		
Rating	IP 65 - front frame		
Mounting	into panel and VESA 100		
Dimensions (w x h x d) (mm)	319 x 245 x 52	410 x 310 x 55	412 x 278 x 59
Weight (kg)	2,7	4,4	5,0
Environment			
Operating temperature	0°C to 50°C		
Storage temperature	-20°C to 60°C		

Compact Size Panel PCs



Computer	iPC 07 118TC	iPC 08 118TC	iPC 10 118TC	iPC 12 118TC
Processor	Intel Celeron N2930 quad core 1,83 GHz			
Chipset	SoC			
Memory	4 GB DDR3L / 8 GB (option)			
I/O ports	2x USB 3.0, 2x RS232, 2x GbE LAN, 1x Audio Line-out,1x HDMI		2x USB 3.0, 4x RS232, 2x GbE LAN, 1x Audio Line-out,1x HDM	
Storage	1x Half Size 1,8" SATA HDD, 1x SD slot		1x 2,5" SATA HDD, 1x SD slot	
Expansion	1x Mini PCIe slot (half size)			
Operating System	Windows Embedded Standard 7, 10 IoT, 7 Professional, 10 Professional			
Display				
Type	7" TFT-LCD	8" TFT-LCD	10.1" TFT-LCD	12.1" TFT-LCD
Resolution	800 x 480	800 x 600	1280 x 800	800 x 600, 1024 x 768 (option)
Colours	262K	16,2M	16,2M	16,2M
Brightness (cd/m2)	350	350	350	450
Angles H/V	140/110	140/125	160/160	160/140
Touch Screen				
Type	Capacitive, resistive (option)			
Light Transmission	90%, 80% (resistive option)			
Power	9 ~ 36 V DC			
Mechanical properties				
Construction	Aluminium front frame, aluminium chassis			
Rating	IP 65 - front frame			
Mounting	into panel and VESA 75		into panel and VESA 100	
Dimensions (w x h x d) (mm)	202 x 149 x 40	231 x 176 x 50	285 x 189 x 49	319 x 245 x 52
Weight (kg)	1,2	1,9	1,9	2,5
Environment				
Operating temperature	0°C to 50°C / -20° to 60°C (option)			
Storage temperature	-20°C to 60°C			

Ethernet Switches



Model name	IS-RG528	IS-RG326	IS-DG508	IS-DG506	IS-DG308
Layer 2	●	●	●	●	●
Gigabit TX	24	24	6 / 8	4 / 6	6 / 8
Gigabit SFP Module	4	2	2 / 0	2 / 0	2 / 0
Redundant Power Input (AC 110/220V)	●	●			
Redundant Power Input (DC 12~58V)	●	●	●	●	●
Software features					
L2 Functions, VLAN, LACP/Trunk	●		●	●	
L2 Functions, QoS, Rate / Storm control	●	●	●	●	●
L2 Functions, IGMP Snooping/GVRP	●	●	●	●	●
L2 Functions, 802.1X, MAC/IP Security	●		●	●	
L4 Function, ACL, QCL	●		●	●	
Redundancy - STP/RSTP/ MSTP	●		●	●	
Redundancy - I.A. Ring/I.A. Chain	●		●	●	
SNMP V1/V2c/V3, RMON, Trap/Inform	●		●	●	
Relay output alarm	●	●	●	●	●
MAC address table	16K	8K	8K	8K	8K
Jumbo frame	9K	9K	9K	9K	9K
Packet Buffer	8Mbt	4Mbit	4Mbit	4Mbit	4Mbit
Max VLAN No.	2048		256	256	
Priority Queue	8	8	8	8	4
Hardware features					
2KV Surge immunity on RJ45 port	●	●	●	●	●
1.5 KV Hipot	●	●	●	●	●
19" Rack mount	●	●			
Din-Rail / Wall mount			●	●	●
Reverse Power protection	●	●	●	●	●
-40°C to 75°C operating temperature	●	●	●	●	●
CE, FCC	●	●	●	●	●
Power Consumption	Max. 26 Watt	Max 35 Watt	Max. 9 Watt	Max. 8 Watt	Max. 8.5 Watt
Relay output (Normal Open)	1A. 30V	1A. 24V	1A. 24V	1A. 24V	1A. 24V
Mechanical properties					
Dimensions (w x h x d) (mm)	43.5x570x250	43.5x570x250	154x65x108	154x65x108	117.8x39x96.9
Weight (w/o packing case)	3.11kg	1.5kg	1.18kg	1.1kg	395g

PoE Switches

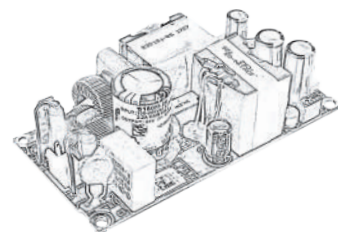


Model name	IS-DG512P	IS-DG508P	IS-DG308P
Layer 2	●	●	●
Gigabit TX	10 / 8	6	8
Gigabit SFP Module	2 / 4	2	
IEEE 802.3af/at (15.4/30 Watt) PoE/PoE+	Max. 8	Max. 6	Max. 4 / 8
Ultra high power PoE (60 Watt)	Max. 2	Max. 2	
Redundant Power Input	46~57V DC	46~57V DC	46~57V DC
Software features			
L2 Functions, VLAN, LACP/ Trunk	●	●	
L2 Functions, QoS	●	●	
L2 Functions, storm protection	●	●	
L2 Functions, 802.1X, MAC/ IP Security	●	●	
L4 Function, ACL, QCL	●	●	
Redundancy - STP/RSTP/ MSTP	●	●	
Redundancy - I.A. Ring/I.A. Chain	●	●	
SNMP V1/V2c/V3, Trap/ Inform	●	●	
Relay output alarm	●	●	●
MAC address table	8K	8K	1K
Jumbo frame	9K	9K	9K
Packet Buffer	4Mbt	4Mbt	1Mbt
Max VLAN No.	256	256	
Priority Queue	8	8	
Hardware features			
2KV Surge immunity on RJ45 port	●	●	
1.5 KV Hipot	●	●	
Din-Rail / Wall mount	●	●	●
Reverse Power protection	●	●	●
-40°C to 75°C operating temperature	●	●	●
CE, FCC	●	●	●
Power Consumption	Max. 17 Watt	Max. 13 Watt	Max. 5.76 Watt
Relay output (Normal Open)	1A. 24V	1A. 24V	1A. 24V
Mechanical properties			
Dimensions (w x h x d) (mm)	154x105x108	154x105x108	142x36.2x105
Weight (w/o packing case)	1.43kg	1.5kg	590g

COMPONENTS Competence Center

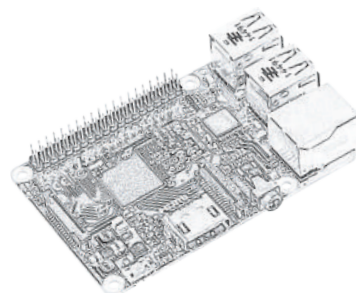
• Power Supplies

AC/DC Power Supplies up to 3000 Watt and DC/DC Converters, Input Components, Transformer, Coils, Inductors, Ferrite Cores, Connectors and Cable Assemblies.



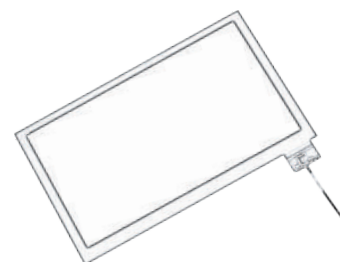
• Embedded Computing

Mainboards & Embedded Modules with Intel Atom, Celeron or i3/i5/i7 and XEON processors, Cooling Solutions (Fans, Heatsinks, Heatpipes), RAM and SSD Flash Storage. Solutions ready for Linux, Windows Embedded 7 or Windows 10 IoT 64-bit OS.



• TFT Displays & Touchscreens

TFT Displays from 5.7 inch to 42 inch, available in wide temperature range and high brightness, Touchscreens (Projected Capacitive and others, also with optical bonding), Controller Boards (as Display Driver Interface, Backlight Driver and Touchcontroller).



PCap Touchscreens, TFT Display Panels and Display-Interfaces are available as configured kits for installation. The solutions are modular and compatible, in this way we supply tailored modifications.

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Distribution taken to the next level.