

# flex-IPC® S

## 5.7" Industrial Panel PC



The flex-IPC® S system is the perfect Industrial Panel PC system for restricted installation space and small-to-medium applications. It features a 5.7" resistive touch screen, 43 function keys (with 25 self-label keys) as well as an integrated alphanumeric keypad.

Product <i>Performance Level</i>	flex-IPC® S <i>Basic</i>	flex-IPC® S <i>Advanced</i>	flex-IPC® S <i>Power</i>
Availability (as of 11/2010)	Coming soon	Available	Available
Main Features	<ul style="list-style-type: none"> <li>• Good performance vs. power consumption ratio</li> <li>• WinCE platform</li> <li>• Approx. 5W total</li> </ul>	<ul style="list-style-type: none"> <li>• Medium performance system</li> <li>• x86 platform</li> <li>• Approx. 10 W total</li> </ul>	<ul style="list-style-type: none"> <li>• High performance system</li> <li>• x86 platform</li> <li>• Approx. 15W total</li> </ul>
Processor	Marvel PXA-270 @ 312MHz	AMD Geode LX @ 500MHz	Intel Atom @ 1.6GHz
System Memory (RAM)	64MB	512MB	1GB
HDD / Flash Memory	128MB / 2GB by SD Card	2GB	2GB
Operating System	WinCE 5.0 with HKAutomation SDK	WinCE 6.0 with HKAutomation SDK	WinCE 6.0 with HKAutomation SDK
LCD Display Type	TFT	TFT	TFT
LCD Display Size	5.7" Diagonal	5.7" Diagonal	5.7" Diagonal
Maximum Resolution	640 x 480	640 x 480	640 x 480
Touch Screen	Resistive (DMC AST 057)	Resistive (DMC AST 057)	Resistive (DMC AST 057)
I/O Ports	<ul style="list-style-type: none"> <li>• 1 x Ethernet</li> <li>• 3 x Serial (1 RS-232, 2 TTL)</li> <li>• 1 x USB Host</li> <li>• 1 x USB Client</li> <li>• Audio Line In/Out</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x Ethernet</li> <li>• Watchdog Timer</li> <li>• 1 x Mini-PCI (internal)</li> <li>• 1 x RS-232 (optional +2)</li> <li>• 1 x RS-485/422/232</li> <li>• 2 x USB 2.0 (+ 2x internal)</li> <li>• External Keyboard &amp; Mouse</li> <li>• Audio Line In/Out (internal)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x Ethernet</li> <li>• Watchdog Timer</li> <li>• 1 x Mini-PCI (internal)</li> <li>• 1 x RS-232 (optional +2)</li> <li>• 1 x RS-485/422/232</li> <li>• 2 x USB 2.0 (+ 2x internal)</li> <li>• Audio Line In/Out (internal)</li> </ul>
Power Supply / Input Voltage	Regulated 5VDC from supplied External Power Adapter	Regulated 12VDC from supplied External Power Adapter	Regulated 12VDC from supplied External Power Adapter
Overall Dimensions (external)	14" x 7" / 355.6 x 177.8 mm	14" x 7" / 355.6 x 177.8 mm	14" x 7" / 355.6 x 177.8 mm
Installation Depth	approx. 120 mm	approx. 120 mm	approx. 120 mm
Enclosure Material	Aluminium	Aluminium	Aluminium
Keypad Surface Material	Polyester PVS-G	Polyester PVS-G	Polyester PVS-G
Mounting	6 UNC studs	6 UNC studs	6 UNC studs
Operating Temperature	0°C - 45°C w/out Fan 0°C - 50°C w/ Fan	0°C - 45°C w/out Fan 0°C - 50°C w/ Fan	0°C - 45°C w/out Fan 0°C - 50°C w/ Fan
IP-Rating / NEMA-Rating	IP 65 / NEMA 4X	IP 65 / NEMA 4X	IP 65 / NEMA 4X
Number of Input Keys	43	43	43
Alphanumeric Keypad	Yes	Yes	Yes
Self-Labeling of Keys	Yes	Yes	Yes
Minimum Operations / Key	1 Million	1 Million	1 Million
Part #	500 100 101	500 100 102	500 100 103



## TECHNICAL INNOVATION AT THE HIGHEST LEVEL

**HKAUTOMATION Inc. is a 100% subsidiary of the Hoffmann + Krippner Group.**

Hoffmann + Krippner is headquartered in Germany and has offices around the world. We have a work force of over 200 and develop and produce innovative input solutions for customers in the most diverse sectors, ranging from the electronics industry, medical technology, mechanical engineering and aviation to military applications.

Hoffmann + Krippner represents the highest levels of engineering, innovation, and technical know-how for pliable input devices and turn-key solutions.

We are a market leader in customer-specific input systems. The core competence of our company lies in the ability to be able to offer our customers a broad product portfolio, ranging from the standard membrane keyboard to individual and complete input systems as well as human machine interfaces (HMI) including housing, electronics, and software.

Our turn-key solutions on multilayer printed circuit boards with integrated electronics and enclosures are at the international forefront of this technology.

The highest demands placed on us are those we expect of ourselves. With our experienced employees we are able to realize highly complex solutions for our customers.

Our strengths benefit our customers through a broad range of innovative top-level engineering. Our long-standing expertise as a leading manufacturer of customized input devices and keyboards in Europe results in high-quality solutions for our customers, worldwide.

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