

# IPC 7



## 15" Industrial PC with MS® Windows® XP Pro, XP Embedded or WES7

- 15" TFT-Display, 450 cd/m<sup>2</sup>
- Resistive touch screen with high breakage resistance
- Fully rugged, IP 67 for the complete system
- WLAN with optimum transmission characteristics
- More than 70 mounting variations (stationary + mobile use)
- Extreme temperature cycles, freezer capable
- Extreme shock & vibration

## Introduction

IPC 7/215 is an industrial PC for use in production and logistics, combining industrial capability, simple operation and excellent visualization within one unit. With its rugged construction it can easily withstand extreme mechanical, electrical, chemical and thermal environmental conditions.

## Specification

System	CPU	Intel® Celeron® M 1.0 GHz Ultra Low Voltage
	Memory	512 MB up to 1 GB DDR2
	Hard disc drive	80 GByte (for stationary applications)
	CompactFlash	Type I/II up to 16 GByte
Housing	coated aluminium, fanless design	
Dimensions/Weight	326 x 395 x 121 mm / 12.8 x 15.6 x 4.8 in	
	8.3 kg / 18.3 lbs	
Display	15 " Color-TFT, XGA 1024 x 768, 450 cd/m <sup>2</sup> (brighter displays on request)	
Touch Screen	Advantech-DLoG-specific resistive Touch Screen	
Software	Operating System	MS® Windows® XP Professional, XP Embedded, WES 7 Linux upon request
	Emulations	VT100, VT220, IBM 5250, TN 3270, Freefloat Access One, Citrix Client®
Interfaces	Seriell	2 x RS-232, alternatively 1 x RS-232 or 1 x RS-422/485 COM 1 optionally 5 V or 12 V
	USB	2 x USB 2.0 (HI-SPEED™)
	PS/2	keyboard/mouse, standard 6 pol. Mini-DIN connector
	LAN	Ethernet 10/100 MBit/s
Network	WLAN	IEEE 802.11 a/b/g/n
Ports	PCI	2 x PCI Slot 32 Bit, Rev. 2.2 compatible for short card (max. length 5.55 in)
	Internal Cardbus*	1 Cardbus for type I/II (16/32 Bit) or
	PCIe MiniCard*	1 x PCIe MiniCard (* both features upon request)
Power supply (internal)	AC	110/230 VAC, 100 W, 50 to 60 Hz
	DC	24/48 VDC, 60/100 W, galvanic. isolated; handles voltage sags to 10 VDC for up to 20 sec
		12 VDC, 100 W, galvanic. isolated; handles voltage sags to 5 VDC for up to 20 sec
Environmental	IP protection class	IP 67 and IP 66 (contains IP 65 and IP 54)
	Certifications	CE/FCC Class A
	Operating temperature	0 to +50 °C / 32 to 122 °F; with optional temp. extension: -10 to +50 °C / 14 to 122 °F
	Relative humidity	10 to 90% @ 40 °C, non condensing
	Shock/Vibration	Class 5M3 according DIN EN 60721-3-5 and MIL-STD 810F (US Highway Truck)

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