

Product overview – Windows XP based terminals

Technical Data		MPC 6/110	IPC 7/215	ITC 7
Housing	Dimensions	Coated Aluminium Fanless Design 226 x 280 x 83 mm / 261 x 319 x 100 mm (without mounting bracket and antenna)	Coated Aluminium 326 x 395 x 121 mm (including fan for 2 GHz device model)	Coated Aluminium 12.8" x 15.6" x 2.8" / 326 mm x 395 mm x 70 mm
	Weight	4.0 kg / 4.7 kg	8.3 kg	6 kg
Display (internal)*		10,4", SVGA, 800 x 600, 230 cd/m ² and 400 cd/m ² 10,4", VGA, 640 x 480, 400 cd/m ² 12,1", SVGA, 800 x 600, 350 cd/m ² 12,1", XGA, 1024x768, 400 cd/m ² and 800 cd/m ² Outdoor Display	15", XGA, 1024 x 768, 450 cd/m ²	15", XGA, 1024 x 768
Touch screen		DLoG specific resistive touch screen	DLoG specific resistive touch screen	DLoG specific resistive touch screen
System features	CPU	Intel® Celeron® M 800 MHz Low Voltage or 1 GHz Ultra Low Voltage	Intel® Celeron® M 800 MHz Low Voltage, 1 GHz Ultra Low Voltage or Intel® Pentium® M 2 GHz	Intel® Celeron® M 1 GHz Ultra Low Voltage
	RAM	512 MB to 1 GB DDR2	512 MB to 1 GB DDR2	512 MB to 1 GB DDR2
Software	Operating system	DOS®, MS® Windows® XP Professional, XP Embedded, Linux on request	DOS®, MS® Windows® XP Professional, XP Embedded, Linux on request	MS® Windows® XP Professional, XP Embedded; Linux on request
Mass storage	CompactFlash	Type I/II up to 16 GByte	Type I/II up to 16 GByte	Type I/II up to 16 GByte
	Hard disk	20/60 GByte (shock/vibration according to class 5M2)	20/60 GByte (shock/vibration according to class 5M2)	Industrial HDD: 20 GByte, other capacities on request
Interfaces	Serial	2 x RS232, alternatively 1 x RS232 and 1 x RS422/485 COM 1 optional 5 V or 12 V	2 x RS232, alternatively 1 x RS232 and 1 x RS422/485 COM 1 optional 5 V or 12 V	2 x RS232 COM 1 optional 5 V
	USB	2 x USB 2.0 (HI-SPEED™) bootable	2 x USB 2.0 (HI-SPEED™) bootable	2x USB 2.0 (HI-SPEED™)
	Keyboard/Mouse	Standard 6 pin Mini-DIN connector (PS/2)	Standard 6 pin Mini-DIN connector (PS/2)	PS/2
Slots	PCI slot	1 x PCI slot 32 bit, Rev. 2.2 compatible for Ultra Short Card	2 x PCI Slot 32 Bit, Rev. 2.2 compatible for Short Card	
	Internal cardbus**	1 Cardbus slot for type I/II (16/32 bit) or	1 Cardbus slot for type I/II (16/32 bit) or	
	PCIe MiniCard**	1 x PCIe MiniCard	1 x PCIe MiniCard	
Network	WLAN	IEEE 802.11b/g, a/b/g	IEEE 802.11b, IEEE 802.11g	
	LAN	Ethernet 10/100 MBit/s	Ethernet 10/100 MBit/s	Ethernet 10/100 MBit/s
Power supply (internal)	AC	110/230 VAC, 100 W, 50 to 60Hz	110/230VAC, 100W, 50 to 60Hz	110/230VAC
	DC	24/48VDC, 60W or 100W, galvanically isolated 12VDC, 100W, galvanically isolated	24/48VDC, 60W or 100W, galvanically isolated 12VDC, 100W, galvanically isolated	
Features	Brightness control	Via integrated front keys	Via integrated front keys	Via integrated front keys
	On/Off	Configurable On/Off keys	Configurable On/Off keys	
	Automatic shut down	Initiated by the ignition signal (automatically) or by the On/Off key (manually) the operating system is properly shut down and the device is switched off.	Initiated by the ignition signal (automatically) or by the On/Off key (manually) the operating system is properly shut down and the device is switched off.	
	Screen blanking	Disables the display under certain conditions (e.g. vehicle is moving)	Disables the display under certain conditions (e.g. vehicle is moving)	
	Environment controller	Statistics, configuration and monitoring functions (temperature, ignition, diagnostics, etc.)	Statistics, configuration and monitoring functions (temperature, ignition, diagnostics, etc.)	Statistics, configuration and monitoring functions (temperature, diagnostics, etc.)
	WLAN antennas	DLoG antennas for various application areas	DLoG antennas for various application areas	
	Front keys	4": 4 / 10 / 25 keys / 12": 4 / 25 keys	4 / 25 keys	3 keys
Environmental conditions	Protection class	IP 54 / IP 65 / IP 66 / IP 67	IP 54 / IP 65 / IP 66 / IP 67	IP 54
	Test marks	CE Immunity Class A, Emission Class B / FCC Class B	CE/FCC Class A	CE
	Operating temperature	32 °F to +122°F / 0°C to +50 °C -22 °F to +122°F / -30°C to +50 °C with heating option	32°F to 122°F / 0°C to +50°C 14°F to 122°F / -10°C to +50°C with optional temp.-extension	32°F to 122°F / 0°C to +50°C
	Storage temperature	-4 °F to +140°F / -20°C to +60 °C -31 °F to +140°F / -35°C to +60°C (depending on configuration)	4°F to 140°F / -20°C to +60°C	32°F to 122°F / 0°C to +50°C
	Relative humidity	10% to 90% at 104°F / 40°C, non-condensing	10% to 90% at 104°F / 40°C, non-condensing	10% to 90% at 104°F / 40°C, non-condensing
	Vibration/Shock	Class 5M3 according to EN 60721-3-5 (1997) (terrestrial vehicle), 5 h random vibration 3.6 g effective and 36 shocks 30 g and US Highway Truck as MIL-STD 810F: 2000 (Department of Defense), 3 h random vibration 1 g effective and 18 shocks 20 g peak	Class 5M3 according to EN 60721-3-5 (1997) (terrestrial vehicle), 5 h random vibration 3.6 g effective and 36 shocks 30 g and US Highway Truck as MIL-STD 810F: 2000 (Department of Defense), 3 h random vibration 1 g effective and 18 shocks 20 g peak	Class 5M1 according to EN 60721-3-5

* brighter displays on request

**both features at once on request