

# MPC 6/110

## DLOG MPC 6/110



The mobile DLOG MPC 6/110 combines industrial applicability with easy handling and outstanding visualization. Built to IP65 specifications, it is operated entirely by touch screen and, in spite of its compact size of 22.9 cm x 28 cm, has a large 10.4" color TFT with SVGA and VGA resolution.

Technical features such as WLAN connection, CompactFlash, PCleMiniCard, USV battery and automatic cut-off make it an ideal vehicle terminal for forklifts, commissioning vehicles, construction machines or trucks.

An integrated heater allows safe and reliable operation even in extreme temperatures to accommodate outdoor or freezing conditions.

Technical Data		
Housing		Coated Aluminium, connections on the bottom of the housing without fan
	Bracket	Several mounting brackets for stationary and mobile applications (e.g. with RAM-Mount components)
	Dimensions	9.02" x 11.02" x 3.27" / 229 x 280 x 83 mm (without bracket and antenna)
	Weight	4.0 kg
Display (internal)		Color-TFT, 10.4", SVGA, 800 x 600 pixel, 230 cd/m <sup>2</sup> Color-TFT, 10.4", SVGA, 800 x 600 pixel, 400 cd/m <sup>2</sup> Color-TFT, 10.4", VGA, 640 x 480 pixel, 400 cd/m <sup>2</sup>
Touch Panel		Resistive analogue Touch Panel
System properties		
	CPU	Intel® Celeron® M 800 MHz or 1 GHz
	Chipset	Intel® 82915GM + Intel® 82801 FBM ( ICH6-M)
	RAM	256 MB up to 1 GB
	Sound	Sound on Board (SoundBlaster 16 compatible), Sound with PCI-Soundcard (SoundBlaster 16 compatible) Prepared for Pick by Voice
Software		
	Operating systems	DOS, MS Windows XP Professional, XP Embedded, Linux on request
	Emulations	VT100, VT220, IBM 5250 Citrix Client
Mass storage		
	Compact Flash	Typ I/II actual up to 8GByte
	Hard disc	20/40 GByte (Shock-/Vibration only up to class 5M2)
	CD/Floppy/Memory Stick	drive external (via USB), bootable from DOS
Interfaces		
	Serial	2 RS232 interfaces one of these optional as RS422/485 galvanically separated
	USB	2 USB 2.0 (HI-SPEED™) interfaces, bootable
	Keyboard / Mouse	Standard 6 pin MiniDIN connector (PS/2-port)

Ports	Internal Cardbus	1 Cardbus port for Type I/II (PCMCIA compatible)
	PCleMiniCard	1 x PCleMiniCard for WLAN
	PCI port	1 x PCI port 32 Bit, Rev. 2.2 compatible for ultra short card (max. length 5.55 inches / 141 mm)
Network	Wireless	Radio transmission via PCMCIA or cardbus card /PCleMiniCard e.g. IEEE 802.11b, IEEE 802.11g, CISCO, Proxim, 54 Mbit PCleMini RF-card Assamby for RF-network cards (installation ex works possible)
	RJ45	Ethernet card 10/100 MBit/s integrated on the motherboard, (Intel® 82562)
Power supply unit (internal)	AC power supply unit	110/230 VAC, 100 W, 50 to 60 Hz
	DC power supply unit	24/48 VDC, 60 W and 100 W, galvanically separated Power drop up to 10 VDC is bridgeable for 20 sec. 12 VDC, 100 W, galvanically separated Power drop up to 5 VDC is bridgeable for 20 sec. at 80 W
	Power consumption	typically 30 W, max. 60 W, with heating option and 100 W power supply unit it can be up to 100 W, standby 1 W
UPS storage battery unit (internal)		24/48 VDC and 12 VDC power supply with 100 W, occupies PCI port The UPS storage battery unit is designed to protect from short-term power failure and for transportation from one vehicle to another (max. 20 min.) No heating within deep frozen area.
Features	Brightness control	Manual
	Power switch	On/Off switch on the device
	Automatic switch-off	Via ignition signal or power switch the operating system is shut down and the device is switched off, otherwise the device is switched off "hard"
	Drive operation	Disables the display, touch and keyboard when the vehicle is in move
	Heating	for operating environments to -22 °F / -30 °C, internal fan required (only with CompactFlash)
	Environment-Controller	functions for statistics, configuration and watchdog (temperature, ignition, back light etc.)
	Radio transmissions/ antenna	DLoG 4 dBi antenna, several connector kits
	Integrated keyboard	keys: F1-F12, 0-9, Dot, Backspace, Arrow keys, ESC, Enter, Page up/down, Home, End, 2 additional keys
External keyboard	in addition to the integrated keyboard applicable	
Environmental specifications	Protective class	IP54 / IP65 (with correct assembly of the cable cover)
	Certificates	CE/FCC Class A
	Operating temperature	32° to +122 °F / 0° to +50 °C room ** -22° to +122 °F / -30° to +50 °C with heating option **
	Storage temperature	-4° to +140 °F/ -20° to +60 °C ** -4° to +140 °F/ -35° to +60 °C (with Colour-TFT 10.4" VGA, 400 cd/m)
	Relative humidity	10% to 90% at 104 °F / 40 °C, non condensing
	Vibration / Shock	Class 5M3 according to EN 60721-3-5 (1998) (terrestrial vehicle), 5 h hissing 3.6 g effective and 36 shocks 30 g peak or US Highway Truck as MIL-STD 810F: 2000 (Department of Defense), 3 h hissing 1 g effective and 600 shocks 20 g peak

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