

# MPC 6/112

## DLOG MPC 6/112



The DLOG MPC 6/112 is a rugged Windows XP terminal designed for use in harsh and demanding environment.

Protection class IP54/IP65, WLAN/GSM connectivity, 12.1" TFT touch screen display and vibration/shock protection make it the perfect terminal for industrial and transportation/logistics related applications.

### Technical Data

Housing		Coated Aluminium
		Fanless design
	Bracket	Several mounting brackets for fixed or vehicle mount applications
	Dimensions	10.3" x 12.6" x 3.9" / 261 x 319 x 100 mm (without bracket + antenna)
	Weight	4.7 kg
Display (internal)		Color-TFT, 12.1", SVGA, 800 x 600 pixel, 350 cd/m <sup>2</sup>
		Color-TFT, 12.1", XGA, 1024 x 768 pixel, 400 cd/m <sup>2</sup>
Touch Panel		Resistive analog Touch Panel
		Mouse-compatible
System properties	CPU	Intel® Celeron® M800 MHz or 1 GHz
	Chipset	Intel® 82915GM + Intel® 82801 FBM ( ICH6-M)
	RAM	512 MB up to 1GB DDR2
	Sound	Optional feature
Software	Operating systems	DOS, MS Windows XP Professional, XP Embedded, Linux on request
	Emulations	VT100, VT220, IBM 5250 Citrix Client Freefloat access One
Mass storage	Compact Flash	currently up to 16 GByte
	Hard disc	20/40 GByte (Shock-Vibration up to class 5M2)
	CD/Floppy/Memory Stick	drive external (via USB), bootable from DOS
Interfaces	Serial	2 RS232 interfaces, alternatively 1 x RS-232 or 1 x RS-422/485 optional feature: Com 1 5V or 12V
	USB	2 interfaces USB 2.0 (HI-SPEED™) compatible
	Keyboard / Mouse	Standard 6 pin Mini-DIN connector (PS/2-port)
Ports	PCI	1 x PCI 32 Bit, Rev. 2.2 compatible for ultra short card (max. length 5.55 inches / 141 mm)
	Internal Cardbus*	1 Cardbus for Type I/II (16/32 bit) or
	PCIe MiniCard*	1 x PCIe MiniCard



Network	WLAN	Cardbus/PCle MiniCard IEEE 802.11 b/g, a/b/g
	LAN	Ethernet 10/100 MBit/s
Power supply	AC	110/230 VAC, 100 W, 50 to 60 Hz
	DC	24/48 VDC, 60 W and 100 W, galvanically isolated Voltage sags up to 10 VDC can be handled for up to 20 sec. 12 VDC, 100 W, galvanically isolated Voltage sags up to 5 VDC can be handled for up to 20 sec. at 80 W
	Power consumption	30 - 60 W (depending on the display), during heating operation 100 W max., 1 W in stand-by mode
Features	Brightness control	Manually/automatically
	On/Off	On/Off switch integrated in front panel
	Automatic shut down	Initiated by the ignition signal (automatically) or by the On/Off switch (manually) the operating system is properly shut down and the device is switched off. Otherwise the PC would be switch-off 'hard'.
	Screen-Blanking	Disables the display under certain conditions (e.g. vehicle is moving)
	Environment-Controller	Statistics, configuration and monitoring functions (temperature, ignition, backlight, etc.)
	Heating	For operation in deep freeze (-22 °F / -30 °C)
	WLAN antenna	DLoG antennas for several applications
	Integrated keyboard	4 Keys Power, Backlight +/-, Backlight on/off or with 25 keys additionally F1-F12, 0-9, Dot, Backspace, Shift, Arrow keys, ESC, Enter, Page up/down, Home, End, 2 additional keys
External keyboard	Can be used in parallel to the integrated soft keyboard	
Environmental specifications	Protective class	IP54 / IP65 (assuming cable cover mounted properly)
	Certificates	CE Immunity Class A, Emission Class B / FCC Class B
	Operating temperature	32° to +122 °F / 0° to +50 °C -22° to +122 °F / -30° to +50 °C with heating option
	Storage temperature	-4° to +140 °F / -20° to +60 °C
	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 random vibration 3.6 g effective and 36 shocks 15 g, 11 ms/30 g, 6ms  Or US Highway Truck as MIL-STD 810F: 2000 (Department of Defense), 3 h random vibration 1 g effective and 18 shocks 20 g peak

\*both features at once on request  
\*\*brighter displays on request

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