



X7 DLoG X 7

The DLoG X 7 is a compact Windows CE-Terminal for industrial applications. Its processor is an Intel PXA270, the so-called XScale chip, which runs at up to 520 MHz.

Of course, there is more to the DLoG X 7 than processor performance: protection class IP54/IP65, WLAN/GSM connectivity, a 7" color TFT touch screen display, two serial ports, two USB ports and great vibration/shock resilience make the DLoG X 7 the ideal terminal for modern industrial and logistics applications.

To accommodate outside and even deep-freeze conditions, the DLoG X 7 can operate reliably and safely at extreme temperatures ranging.

Technical Data

Housing		Coated Aluminium without fan
	Bracket*	Mounting bracket for stationary applications Mounting bracket for mobile applications
	Dimension	8.94" x 6.2" x 3.27" / 227 x 157,6 x 83 mm
	Weight	2,5 kg
Display (internal)		Color-TFT, 7", 16:9, 480 x 234, WQVGA, 400 cd/m ² Portrait and landscape format possible
Touch Panel*		resistive analogue Touch Panel mouse-compatible
System properties	CPU	Intel PXA255 up to 520 MHz
	RAM	64 MB SDRAM
	ROM	64 MB Flash
	Graphics	integrated LCD-Controller
Software	Operating systems	MS Windows CE 5.0, embedded Linux (on request)
	Emulations	VT100, VT220, IBM 5250 Citrix ICA Client RDP Client Ericom Power Term
Mass storage*	SD-Card	actual up to 512 MByte
Interfaces	Serial	2 interfaces RS232 one of these optional as RS422/485 galvanically separated*
	USB	2 interfaces USB 1.1 compatible, USB 2.0 (low und full speed) compatible, one as OTG support (Master and Slave)
	Keyboard / Mouse	external over USB interface
Ports	PC-Card (16-bit)	1 x Typ I / Typ II
	SDIO	1 Slot, 1 or 4-bit, up to 78 Mbps max. data transfer rate

Network	LAN/WLAN*	with PC-Card or SDIO-Card
	GSM*	with PC-Card or SDIO-Card
Power supply	DC power supply unit	24/48 VDC, galvanically separated
		others on request
Features	Brightness control	manual / automatic
	Power switch	On/Off switch, without cutting the mains supply
	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"
	Environment-Controller	functions for statistics, configuration and watchdog (temperature, ignition, back light etc.)
	Radio transmissions/ antennas*	several connector kits
	Internal keyboard*	Keys F1-F10, 0-9, ESC, Enter
	External keyboard*	In addition to the internal 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 with charging battery
		-22° to +122 °F / -30° to +50 °C without charging battery/520 MHz CPU
	Storage temperature	-31° to +149 °F / -35° to +65 °C
	Relative humidity	10% to 90% at 104 °F / 40 °C, non condensing
	Vibration	Class 7M3 according to EN 60721-3 (1995) (Test acceleration 5 g effective value, 10-2000 Hz)
Shock	Class 7M3 according to EN 60721-3 (1995) (Test acceleration half sine 30 g peak value)	

* Options, not included in the basic unit, ** depends on configuration

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