ADVANTECH DLOG

Competence in Mobile Computing

Data sheet DLoG MPC 6/110

DLoG antenna
Mechanically stable.
Optimum transmission characteristics.
Reliable, fast data transfer.
Diversity Antennas also available

Sunlight readable display
DLoG specific solution,
for ideal readability under direct sunlight

Protection class
IP 54 / IP 65 / IP 66 / IP 67
for the entire system.

Thermal concept
Freezer capable.
Robust against fast changing temperatures.

DLoG touch screen
Simple and precise operation.
High breakage resistance.

Mechanical design
Optimal mechanical protection.
Secure against vibrations, impact and environmental conditions.
Tougher testing standards than the US MIL-Std.

Variations

We offer a large selection of design variations and accessories, such as:

Options

New options:

- **Bluetooth, to connect printer, scanner etc. without cable**
- **WLAN: Supported standards: 802.11 a/b/g (n-ready), Diversity antennas**
- **Integrated speaker: Audio/Beep/Voice output**
- **DLoG Voice Kit: Easy communication – Voice over WLAN (VoWLAN)**
- **Intel® Core^{TM}Duo processor, for demanding applications**

Specifications DLoG MPC 6/110

Housing		
		Fanless design, Coated Aluminium
	Dimensions	8.9" x 11.0" x 3.3" / 226 x 280 x 83 mm (without mounting/antenna)
	Weight	4.0 kg – 8.8 lb
Display (internal)*		
		Color-TFT, 10.4", SVGA, 800 x 600, 230 cd/m²
		Color-TFT, 10.4", SVGA, 800 x 600, 400 cd/m²
		Color-TFT, 10.4", VGA, 640 x 480, 400 cd/m²
		(*brighter displays on request)
Touch screen		
		DLoG specific resistive touch screen
System properties		
	CPU	1 GHz Ultra Low Voltage
		Intel® Core™Duo L2400 Low Voltage 1,66Ghz
	Memory	512 MB up to 1 GB DDR2
	Sound	Integrated speaker (optional)
	DLoG Voice Kit	Voice over WLAN (VoWLAN) optionally
Software		
	Operating systems	MS® Windows® XP Professional, XP Embedded, Windows 7
		Linux on request
	Emulations	VT100, VT220, IBM 5250, TN 3270
		Citrix Client®
		Freefloat access One
Mass storage		
	CF card	Type I/II up to 16 GByte
	Hard disc drive	40/60 GByte (Shock-/Vibration up to class 5M2)
Interfaces		
	Serial	2 RS232 interfaces, alternatively 1 x RS232 and 1 x RS422/485
		Optional feature: COM 1, 5 V or 12 V,
	USB	2 interfaces USB 2.0 (HI-SPEED™), bootable
	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 x Cardbus Type I/II (16/32 bit) or
	PCIe MiniCard**	1 x PCIe MiniCard (**both features at once on request)
Network		
	WLAN	IEEE 802.11b/g, a/b/g (n-ready)
	LAN	Ethernet 10/100 MBit/s
	PAN	Bluetooth
Power supply		
	AC	110/230 VAC, 100 W, 50 to 60 Hz
	DC	24/48 VDC, 60 W or 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.
Environmental specifications		
	Protection class	IP 54 / IP 65 / IP 66 / IP 67
	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 optional heating
	Storage temperature	-4° to + 140 °F / -20° to +60 °C
		-31° to + 140 °F / -35° to +60 °C (depending on configuration)
	Relative humidity	10% to 90% at 104 °F / 40 °C, non- condensing
	Vibration / Shock	Class 5M3 according to EN 60721-3-5
		Or US Highway Truck as MIL-STD 810F

Highlights

Screen-Blanking: Disables the display under certain conditions (e.g. vehicle is moving)

Sunlight readable display: Ideal solution for bright environments and direct sunlight.

Intel Dual Core CPU: Power for consuming applications.

DLoG Voice Kit: Easy communication over WLAN (push to talk)

Windows 7: Future proof as the MPC 6 is Windows 7 ready.

DLoG Config Tool: Diagnostics and individual configuration of the Client

Environment controller : Statistics, configuration and monitoring functions (temperature, ignition, backlight, etc.)

Shock and vibration tests to stringent DIN and US Standards: DLoG terminals are suitable for use in locations where heavy vibrations and impacts occur, for example on non-suspension vehicles or machines with substantial imbalances.