

HIGHLIGHTS

- LOW POWER, FANLESS
- LCD 7,0"; 800x480; WIDE SCREEN
- TOUCH SCREEN 4-WIRE
- AMD® GEODE® LX800 / 500MHZ
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



PPC-07-LX800

Update: 01/2016

Hardware	Description
Type of device	19" box with integrated single board computer, 7" wide screen display (800x480 Pixel), touch screen. Installation in a modular rack 19" / 3U, in a console or a front panel.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: AMD® Geode® LX800 / 500MHz onboard Chipset: AMD LX + CS5536 + ITE8888G Graphics: Integrated in AMD LX, up to 256 MByte frame buffer Ethernet: Realtek® RTL8139DL Fast Ethernet Controller Audio: AC'97 Codec Audio GPIO: 8 digital Input / Output BIOS: AWARD 4Mbit Flash BIOS Extra: Mini-PCI interface.
Interfaces (external) placed in the rear cover (bottom side)	Serial: RS232 + USB2.0 Graphics: CRT (VGA) Network: LAN10/100Mbps Fast Ethernet (optional: 2x LAN) Inputs by: PS/2 keyboard
Interfaces (internal)	Type: 2x USB2.0, 1x RS232/422/485, 2x RS232, EPP/ECP-Port, UDMA-IDE, Compact Flash
Main memory	RAM: 1x 512MB DDR-RAM-SO-DIMM (max. 1GB)
Mass memory	CF: CompactFlash™ Type I – max. 16GB Industrial Grade
Display	LCD: 7,0"; 250cd/m²; 800x480 Pixel
Touch screen	Type: Resistive touch screen, 4-wire-USB-controller
Power supply	Input: 5 VDC Wattage: max. 15W

Software	Description
Operation system	Windows® 7 / 8.1 / 10 and embedded versions; others on demand.

Mechanics	Dimensions: W x H x D
Housing	3U x 48HP x 75 mm (interfaces installed in bottom panel) 3HE x 48HP x 125mm (interfaces installed in rear panel)
Weight	ca. 1,8 kg

Options	Description
Front panel	Material and colour according to clients` demands.

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HIGHLIGHTS

- LOW POWER, FANLESS
- LCD 7,0"; 800x480; WIDESCREEN
- TOUCH SCREEN 4-WIRE
- INTEL® ATOM® D2550 / 2x1,86GHZ
- CE-COMPLIANT
- CAPABEL FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS.



PPC-07-D2550

Update: 01/2016

Hardware	Description
Type of device	19" box with integrated single board computer, 7" wide screen display (800x480 Pixel), touch screen. Installation in a modular rack 19" / 3U, in a console or a front panel.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: Intel® ATOM® D2550 / 2x 1,86GHz onboard Chipset: Intel NM10 Express Graphics: Intel GMA3650 Ethernet: 2x Intel 82583V Gigabit Ethernet Controller Audio: Realtek ALC887 HD Audio Codec GPIO: 4 GPI / 4 GPO
Interfaces external (placed in the rear bottom cover )	Serial: 2x USB2.0 Graphics: CRT (VGA) + HDMI Network: 2x LAN10/100/1000Mbps Ethernet Audio: Line-out
Interfaces internal	Type: 4x USB2.0, 1x RS232/422/485, 3x RS232, 1x SATA2, 1xmSATA, 2x Mini-PCIe
Main memory	RAM: 1x 2048MB DDR3-RAM-SO-DIMM (max. 4GB)
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 32 or 64GB
Display	LCD: 7,0"; 250cd/m²; 800x480 Pixel
Touch screen	Type: Resistive touch screen, 4-wire USB controller
Power supply	Input: 12 VDC Wattage: max. 15W

Software	Description
Operation system	Windows® 7 / 8.1 / 10 / 10IoT and embedded versions, other OS on demand.

Mechanics	Dimensions: W x H x D
Housing	3U x 48HP x 75 mm (interfaces installed in bottom cover) 3U x 48HP x 125mm (interfaces placed in rear side cover)
Weight	ca. 1,8 kg

Options	Description
Front panel	Material and colour according to clients` demands.

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