

HIGHLIGHTS

- LOW POWER, FANLESS
- LCD 5,7"; 640x480 PIXEL
- TOUCH SCREEN 4-WIRE
- INTEL® ATOM® N2600 / 2x1,6GHZ
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



PPC 05-N2600

Update: 01/2016

Hardware	Description
Type of device	19" box with integrated single board computer, 5,7"- VGA display with touch screen. Installation in a modular rack 19" / 3U.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: Intel® ATOM® N2600 / 2x 1,6GHz onboard Chipset: Intel NM10 Graphics: Intel GMA 3600 Ethernet: Dual Realtek® RTL8111E Gigabit Ethernet Controller Audio: Realtek ALC662 HD Audio Codec GPIO: 4 digital Input / 4 digital Output
Interfaces (external) (positioned at rear plate bottom side)	Serial: RS232 + 2x USB2.0 Graphics: CRT (VGA) Network: 2x LAN10/100/1000Mbps Ethernet Extras: additional interfaces possible according to clients` demands
Interfaces (internal)	Type: 4x USB2.0, 1x RS422/485, 2x RS232, 2x SATA, 1x mSATA
Main memory	RAM: 1x 2024MB DDR2-RAM-SO-DIMM (max. 2GB)
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 32 or 64GB optional 2,5" SATA HD min. 250GB
Display	LCD: 5,7"; 300cd/m ² ; 640x480 Pixel
Touch screen	Type: Resistive touch screen, 4-wire-USB-controller
Power supply	Form factor: Open Frame Input: 90-264VAC or 12/24 VDC Output: +12VDC

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

Mechanics	Dimensions: W x H x D
Housing	3U x 42HP x 75 mm (interfaces inserted in bottom panel) 3U x 42HP x 125mm (interfaces inserted in rear panel)
Weight	ca. 1,8 kg

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

© 2016 MASS GmbH

TECHNICAL DATA / DATA SHEET



MASCHINEN-, ANLAGEN-
STEUERUNGSTECHNIK UND
SYSTEMSOFTWARE GmbH

HIGHLIGHTS

- LOW POWER, FANLESS
- LCD 5,7" 640x480 PIXEL
- TOUCH SCREEN 4-WIRE
- INTEL® ATOM® D2550 / 2x 1,86GHZ
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



PPC 05-D2550

Update: 01/2016

Hardware	Description
Type of device	19" box with integrated Single Board Computer, 5,7"- VGA display with touch screen. Installation in a modular rack 19"/3U.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: Intel® ATOM® D2550 / 2x 1,86GHz onboard Chipset: Intel NM10 Express Graphics: Intel GMA 3650 Ethernet: 2x Intel 82583V Gigabit Ethernet controller Audio: Realtek ALC887 HD Audio Codec GPIO: 4 GPI / 4 GPO
Interfaces (external) (positions at rear plate bottom side)	Serial: 2x USB2.0 Graphics: CRT (VGA) + HDMI Network: 2x LAN10/100/1000Mbps Ethernet Audio: Line-out Extras: additional interfaces according to clients` demands
Interfaces (internal)	Type: 4x USB2.0, 1x RS232/422/485, 3x RS232, 1x SATA2, 1x mSATA, 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 optional 2,5" SATA HD min. 250GB
Display	LCD: 5,7" 300cd/m² 640x480 Pixel
Touch screen	Type: Resistive touch screen, 4-wire-USB-controller
Power supply	Form factor: Open Frame Input: 90-264VAC or 12/24 VDC Output: +12VDC

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

Mechanics	Dimensions: W x H x D
Housing	3U x 42HP x 75 mm (interfaces inserted in bottom panel) 3U x 42HP x 125mm (interfaces inserted in rear panel)
Weight	ca. 1,8 kg

Options	Description
Front panel	Material and colour according to customers` demands

© 2016 MASS GmbH

HIGHLIGHTS

- LOW POWER, FANLESS
- LCD 5,7"; 640x480 PIXEL
- TOUCH SCREEN 4-WIRE
- AMD® GEODE® LX800 / 500MHZ
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



PPC 05-LX800

Update: 01/2016

Hardware	Description
Type of device	19" box with integrated Single Board Computer, 5,7"- VGA display with touch screen. Installation in a modular rack 19" / 3U.
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 I / O BIOS: AWARD 4Mbit Flash BIOS Extras: Mini-PCI interface
Interfaces (external) (placed in rear plate bottom side)	Serial: RS232 + USB2.0 Graphics: CRT (VGA) Network: LAN10/100Mbps Fast Ethernet (optional: 2x LAN) Input: PS/2 (keyboard) Extras: additional interfaces according to clients` demands.
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: 5,7" 300cd/m² 640x480 Pixel
Touch screen	Type: Resistive touch screen, 4-wire-USB controller
Power supply	Form factor: Open Frame Input: 90-264VAC or 12/24 VDC Output: +5VDC / +12VDC

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

Mechanics	Dimensions: W x H x D
Housing	3U x 42HP x 75 mm (interfaces inserted in bottom plate) 3U x 42HP x 125mm (interfaces inserted in rear plate)
Gewicht	ca. 1,8 kg

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

© 2016 MASS GmbH