

HIGHLIGHTS

- LOW POWER
- INTEL® CELERON™ J1900
- 12,1" SVGA LCD WITH TOUCH SCREEN
- 3,5" SINGLE BOARD COMPUTER
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 12 – J1900

Update: 11/2016

Hardware	Description
Type of device	Industrial all-in-one computer, aluminium sheet housing with integrated 3,5" single board computer ; 12,1" LC- display with resistive touch screen.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: Intel® Celeron® J1900 / 4x 2,0GHz onboard Chipset: Grafik: Intel® HD Graphics Gen 7 Ethernet 1: Intel® I210-AT (NCSI support) Ethernet 2: Intel® I211-AT Audio: Realtek ALC662
Interfaces external (mounted at bottom side)	Serial: 1x RS232, 1x USB 3.0, 1x USB 2.0 Graphics: CRT (VGA) Network: 2x 10/100/1000Mbps Fast Ethernet Power input: Sub-D-mix connector
Interfaces internal	Type: 2x SATA, 1x mSATA, 4x USB2.0, 2x RS232, 1x RS422/485, 8-bit Digital I/O
Main memory	RAM: 1x SO DIMM Socket, DDR3L-1066/1333, max. 8GB
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 16, 32, 64, 128 or 256GB HDD: 2,5" SATA min. 250 GB
Display	LCD: 12,1"; 800x600 pixel; 400cd/m ² ; 500:1 optional: 1024x768 pixel
Touch-screen	Type: Resistive touch-screen, 4 wire USB-controller optional: GFG 5-wire Touchscreen or Multitouch (pcap)
Power supply	Form factor: Open Frame Input: 90-264 VAC / 47- 440Hz Optional: 9 - 36VDC Output: +5VDC / +12VDC / -12VDC Wattage: 62 Watts max.

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

Mechanics	Dimensions: W x H x D
Housing	300 x 240 x 62 mm
Weight	3,5 kg

Options	Description
Mounting	VESA attachment 60x60mm, pivot arm with turning, lateral buckling & locking device; foot.

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HIGHLIGHTS

- LOW POWER
- INTEL® ATOM™ D2550
- 12,1" SVGA LCD WITH TOUCH SCREEN
- 3,5" SINGLE BOARD COMPUTER
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- CAPABLE FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 12 – D2550

Update: 01/2016

Hardware	Description
Type of device	Industrial all-in-one computer, aluminium sheet housing with integrated 3,5" single board computer ; 12,1" LC- display with resistive touch screen.
Mainboard	Form factor: 3,5"-Single Board (102 x 147mm) CPU: Intel® ATOM® N2600 / 2x 1,6GHz onboard Chipset: Intel NM10 Express Graphic: Intel GMA3650 Ethernet: 2x Intel 82583V Gigabit Ethernet Controller Audio: Realtek ALC887 HD Audio Codec GPIO: 4 GPI / 4 GPO
Interfaces external (mounted at bottom side)	Serial: 1x RS232, 2x USB 2.0 Graphics: CRT (VGA) Network: 2x 10/100/1000Mbps Fast Ethernet Keybd. entry: PS/2 (keyboard/mouse) Power input: Sub-D-mix connector
Interfaces internal	Type: 1x USB2.0, RS232/422/485, Audio, 2x SATA, DIO
Main memory	RAM: 1x 1GB DDR2-SODIMM (max. 2 GB)
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 16, 32,64, 128 or 256GB HDD: 2,5" – min. 250 GB
Display	LCD: 12,1"; 800x600 pixel; 400cd/m²; 500:1 optional: 1024x768 pixel
Touch-screen	Type: Resistive touch-screen, 4 wire USB-controller optional: GFG 5-wire Touchscreen or Multitouch (pcap)
Power supply	Form factor: Open Frame Input: 90-264 VAC / 47- 440Hz Optional: 9 - 36VDC Output: +5VDC / +12VDC / -12VDC Wattage: 62 Watts max.

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

Mechanics	Dimensions: W x H x D
Housing	300 x 240 x 62 mm
Weight	3,5 kg

Options	Description
Mounting	VESA attachment 60x60mm, pivot arm with turning, lateral buckling & locking device; foot.

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HIGHLIGHTS

- LOW POWER, FANLESS
- AMD® GEODE® LX800 / 500MHZ
- 12,1" SVGA LCD WITH TOUCH-SCREEN
- 3,5" SINGLE BOARD COMPUTER
- SKALABLE CPU PERFORMANCE
- CE-COMPLIANT
- DESIGNED FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 12 - LX800

Update: 01/2012

Hardware	Description
Type of device	All-in-one computer, aluminium sheet housing with integrated 3,5" single board computer ; 12,1" LC-display with resistive touch screen.
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 Extras: Mini-PCI interface.
Interfaces external (mounted in bottom side)	Serial: RS232 + USB2.0 Graphics: CRT (VGA) Network: LAN10/100Mbps Fast Ethernet (optional: 2x LAN) Keybd. entry: PS/2 (keyboard/mouse) Power input: Sub-D-mix connector
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: Compact Flash™ Type I – 1 GB industrial grade (max. 16 GB) HDD: 2,5" – min. 250 GB
Display	LCD: 12,1"; 800x600 pixel; 400cd/m²; 500:1 optional: 1024x768 pixel
Touch screen	Type: Resistive touch screen, 4 wire USB controller
Power supply	Form factor: Open Frame Input: 90-264 VAC / 47- 440Hz Optional: 9 - 36VDC Output: +5VDC / +12VDC / -12VDC Wattage: 62 Watts max.
Enhancements by piggyback	2x RS232, WLAN Mini-PCI, GPS, DVI, ISDN, Gigabit Ethernet etc.

Software	Description
Operation systems	Windows® 7 / 8.1 / 10 and embedded versions; others on request

Mechanics	W x H x D
Housing	300 x 240 x 62 mm
Weight	3,5 kg

Options	Description
Mounting	VESA attachment 60x60mm, pivot arm with turning, lateral buckling & locking device; foot.

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