

HIGHLIGHTS

- HIGH END POWER
- 42" MULTI TOUCH LCD 1920x1080 PIXEL
- INTEL DUAL-CORE I7-4650U  
INTEL DUAL-CORE I5-4300U  
INTEL DUAL-CORE I3-4010U  
INTEL DUAL-CORE CELERON 3980U
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- DESIGNED FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 42-ULT

Update: 01/2016

Hardware	Description
Type of device	Large scale stand-alone system; steel sheet housing; 3,5" single board computer; 42" display; multi-touch screen; resolution full-HD.
Mainboard	Form factor: 3,5" single board (102 x 147mm) CPU: Intel dual-core i7-4650U (2x 1,7GHz, 4MB cache) Intel dual-core i5-4300U (2x 1,9GHz, 3MB cache) Intel dual-core i3-4010U (2x 1,7GHz, 3MB cache) Intel dual-core Celeron 2980U (2x 1,6GHz, 3MB cache) Chipset: N/A Graphics: Intel Gen7.5 graphics DX11.1 Ethernet: Intel i218-LM GbE LAN Intel i210-AT GbE LAN
Interfaces external (at bottom side of housing)	Serial: 2x USB 3.0, 1x RS232 Graphics: 1x VGA Network: 2x GBit LAN Ethernet Keybd. entry: PS/2 keyboard/mouse Extensions: 1x mini-PCIe (full size / half size) for ex. WLAN module (only possible if no mSATA module installed)
Interfaces internal	Type: 2x SATA3 (6Gb/s); 2x USB 2.0; 2x RS232; 1x RS232/422/485; 1x mini-PCIe (mSATA support); GPIO (4x IN, 4x OUT).
Main memory	RAM: 2x SO DIMM socket, DDR3L-1600/1333; max. 16GB
Mass memory	mSATA: 16, 32, 64, 128 or 256GB HDD: 2,5" SATA min. 250 GB
Display	LCD: 42,0"; 1920x1080 pixel; 340cd/m <sup>2</sup> ; 1000:1
Touch screen	Type: Projected capacitive multi touch screen
Power supply	Form factor: Open frame Input: 90-264 VAC / 47- 440Hz; female socket Wattage: 150 Watts max.

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

Mechanics	Dimensions: W x H x D
Housing	975 x 575 x 88 mm
Weight	~ 25 kg

Options	Description
Mounting / accessories	VESA attachment 400x 200mm; wall-mount attachment; stand; WLAN module incl. antenna.

© 2016 MASS GmbH

HIGHLIGHTS

- HIGH END POWER
- 42" MULTI TOUCH LCD 1920X1080 PIXEL
- MINI-ITX INDUSTRIAL BOARD
- INTELQUAD CORE CELERON J1900
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- DESIGNED FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 42-J1900

Update: 01/2016

Hardware	Description
Type of device	Large scale stand-alone computer, steel sheet housing, Mini-ITX or 3,5"mainboard, 42" LCD, multi touch screen, full -HD resolution.
Mainboard	Form factor: Mini ITX (170 x 170mm) CPU: Intel Quad-Core Celeron J1900 (4x 2GHz, 2MB cache) Chipset: N/A Graphics: Intel Gen7 graphics DX11 Ethernet: Realtek GbE LAN
Interfaces external (at bottom side of housing)	Serial: 2x USB3.0, 2x USB2.0 Graphics: 1x VGA, 1x HDMI Network: 1x GBit LAN Ethernet Keybd. entry: PS/2 keyboard/mouse Audio: 1x mic. IN, 1x Line OUT Switch: Power button, Extensions: 1x mini-PCIe (half size), for ex. WLAN module
Interfaces internal	Type: 2x SATA2 (3Gb/s), 2x USB 3.0, 4x USB 2.0, 4x RS232, 1x RS232/422/485 Qx mini PCIe, GPIO (4x IN, 4x OUT)
Main memory	RAM: 2x SO DIMM socket, DDR3-1333, max. 8GB
Mass memory	mSATA: 16, 32, 64, 128 or 256GB HDD: 2,5" SATA min. 250 GB
Display	LCD: 42,0"; 1920x1080 pixel; 340cd/m²; 1000:1
Touch screen	Type: Projected capacitive multi- touch screen
Power supply	Form factor: Open frame Input: 90-264 VAC / 47- 440Hz; female socket Wattage: 300 Watts

Software	Description
Operation systems	Windows 7 / Windows embedded standard 7 / Windows embedded 8 standard / Windows 8.1 / Windows 10 / Windows 10 IoT others on request.

Mechanics	Dimensions: W x H x D
Housing	975 x 575 x 88 mm
Weight	~25 kg

Options	Description
Mounting / accessories	VESA attachment 400x 200mm; wall-mount attachment; stand; WLAN module incl. antenna..

© 2016 MASS GmbH

HIGHLIGHTS

- HIGH END POWER
- 42" MULTI TOUCH LCD 1920X1080 PIXEL
- MINI-ITX INDUSTRIAL BOARD
- INTEL DUAL CORE ATOM D2550
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- DESIGNED FOR INDUSTRIAL APPLICATIONS
- AVAILABILITY MIN. 3 YEARS



SAC 42-D2550

Update: 01/2016

Hardware	Description
Type of device	Large scale stand-alone computer, steel sheet housing, Mini-ITX or 3,5" mainboard, 42" LCD, multi touch screen, full -HD resolution.
Mainboard	Form factor: Mini ITX (170 x 170mm) CPU: Intel Dual-Core ATOM D2550 (2x 1,86GHz) Chipset: Intel NM10 Express chipset Graphics: IntelpowerVR SGX45 Ethernet: Realtek GbE LAN
Interfaces external (at bottom side of housing)	Serial: 4x USB 2.0 Graphics: 1x VGA, 1x HDMI Network: 1x GBit LAN Ethernet Keybd. entry: PS/2 keyboard/mouse Audio: 1x mic. IN, 1x Line OUT Switch: Power button, Extensions: 1x mini-PCIe (half size), for ex. WLAN module
Interfaces internal	Type: 2x SATA2 (3Gb/s), 4x USB 2.0, 4x RS232, 1x mini-PCIe, GPIO 4x IN, 4x OUT
Main memory	RAM: 2x SO DIMM socket, DDR3-800/1066, max. 4GB
Mass memory	SATA-DOM: 8,16, 32, 64, or 128 GB HDD: 2,5" SATA min. 250 GB
Display	LCD: 42,0"; 1920x1080 pixel; 340cd/m <sup>2</sup> ; 1000:1
Touch screen	Type: Projected capacitive multi- touch screen
Power supply	Form factor: Open frame Input: 90-264 VAC / 47- 440Hz; female socket Wattage: 150 Watts

Software	Description
Operation systems	Windows 7 / Windows embedded standard 7 / Windows embedded 8 standard / Windows 8.1 / Windows 10 / Windows 10 IoT others on request.

Mechanics	Dimensions: W x H x D
Housing	975 x 575 x 88 mm
Weight	~25 kg

Options	Description
Mounting / accessories	VESA attachment 400x 200mm; wall-mount attachment; stand; WLAN module incl. antenna..

© 2016 MASS GmbH