


Industrial Automation - Products & Configurations

PB2150/SL BASIC SYSTEM fanless		POWER [W]
Basic Configuration	Intel® Celeron® quad core J1900 2,00 GHz • 2GB RAM • without possibility to add communication ports • UBIQUITY BASIC Win32/64 runtime • 24V DC isolated power supply • 12 months warranty	18

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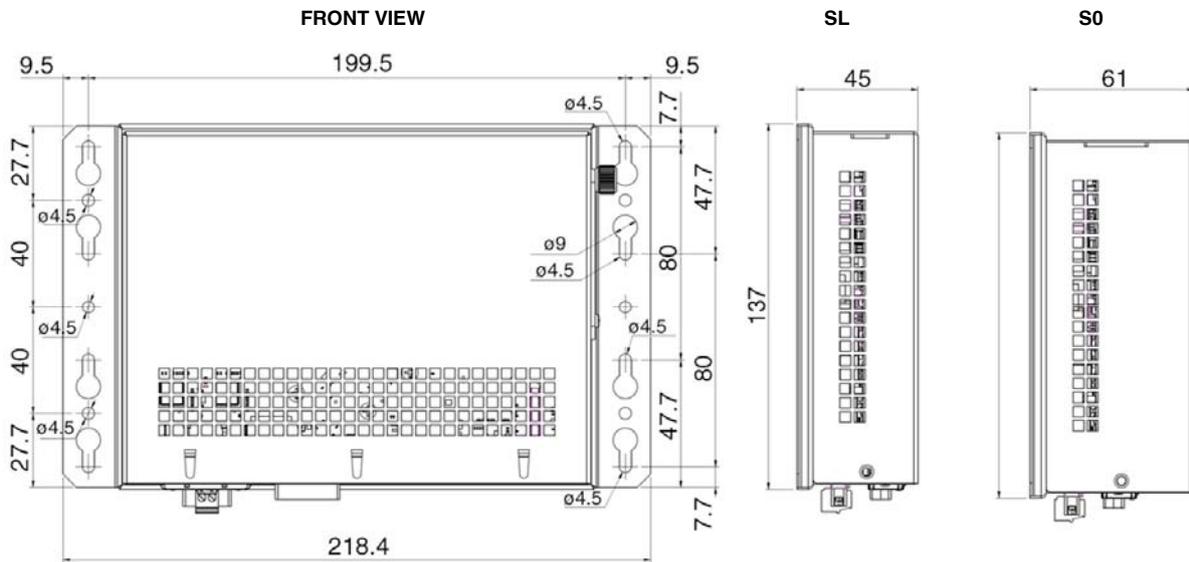
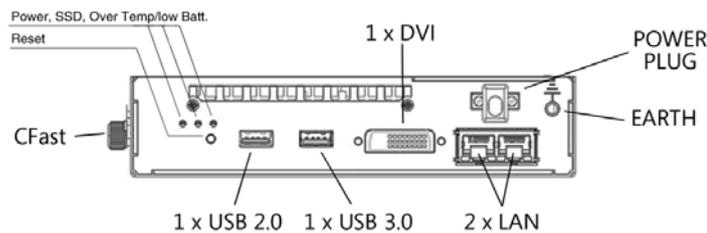
	SL	S0		POWER [W]
REMOTE ASSISTANCE	•	•	ASEM UBIQUITY BASIC Win32/64 runtime	-
PROCESSOR	•	•	Intel® Celeron® J1900 • 2,00 GHz (2,42 GHz Burst), 2MB L2 cache • 4 cores, 4 threads • Soldered on-board	
RAM MEMORY	•	•	1 GB • 1 module SODIMM DDR3-1600	- 1
	•	•	2 GB • 1 module SODIMM DDR3-1600	
	•	•	4 GB • 1 module SODIMM DDR3-1600	+ 1
	•	•	8 GB • 1 module SODIMM DDR3-1600	+ 2
COMMUNICATION PORTS	•		without possibility to add communication ports, below described	
		•	with possibility to add communication ports, below described	

OPTIONS				POWER [W]
SSD mSATA	•	•	SSD mSATA, SATA 3, 6Gb/s (Solid State Disk), MLC	2
CFAST	•	•	CFAST SATA	1
COMMUNICATION PORTS		•	1 x RS232/422/485 serial port (DB15M) • 1 x USB 2.0 port > note 1	1
		•	1 x RS232/422/485 isolated serial port (DB15M) • 1 x USB 2.0 port > note 1	1
		•	2 x RS232 serial ports (DB9M) > note 1	2
		•	1 x USB 2.0 ports > note 1	0
WARRANTY EXTENSION	•	•	Warranty extension to 18 months on basic system and its variants	
	•	•	Warranty extension to 24 months on basic system and its variants	
	•	•	Warranty extension to 36 months on basic system and its variants	

NOTES
<p>For power consumption calculation we recommend to read the tips on pg. 4. The power values does not include the absorbed power of USB devices connected to the ports.</p> <p>1: Communication ports signed cannot be installed together</p>



TECHNICAL SPECIFICATIONS	
Case	Wall and DIN rail mount
Overall dimensions & weight	See details on the related section
Power supply	24VDC isolated • Input voltage: 18÷32V DC
Motherboard	"All-In-One" type • ASEM 932
Intel platform	Processor Intel® Celeron® J1900 • 2,00 GHz (2,42 GHz Burst), 2MB L2 cache • 4 cores, 4 threads • Soldered on-board
Operating System	O.S. certified by ASEM
	O.S. not supported by Intel platform
Remote assistance	Microsoft Windows 10 IoT Enterprise 2016 LTSB 64bit • Microsoft Windows 8.1 Industry Pro 32/64bit • Microsoft Windows 7 Pro/Ultimate 32/64bit • Microsoft Windows Embedded Standard 7E/7P 32/64 bit • Linux
Software	ASEM UBIQUITY BASIC Win32/64 runtime license with ASEM sticker
Video controller	Intel® HD Graphics integrated into Intel® Celeron™ microprocessor • 688MHz • I/F digitale LVDS a 8bit/colore
Video RAM (shared)	Dynamic Video Memory Technology • Memory quantity is automatically selected by operating system (max 1720 MB)
System memory	DDR3-1066 type • 1 SODIMM module • min 1GB • max 8GB
Mass storage interfaces	1 x mSATA 2, 3Gb/s
CFast slot	1 x slot CFast (bootable) external access
Rear access interfaces	2 x Ethernet 10/100/1000 Mbps (RJ45), Intel® I210 • 1 x USB 3.0 (Type A) • 1 x USB 2.0 (Type A) • 1 x DVI-D Single Link (max resolution: 1920x1080 FullHD)
Environmental specifications	Operating temperature: 0° ± +50°C • Storage temperature: -20° ± +60°C • Humidity: 80% (non-condensing)
Approvals	CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) • cULus LISTED (UL61010) pending
Standard warranty	12 months • Warranty management by ASEM headquarters

DIMENSIONS (mm)

CONNECTORS - SL VERSION

CONNECTORS - S0 VERSION
