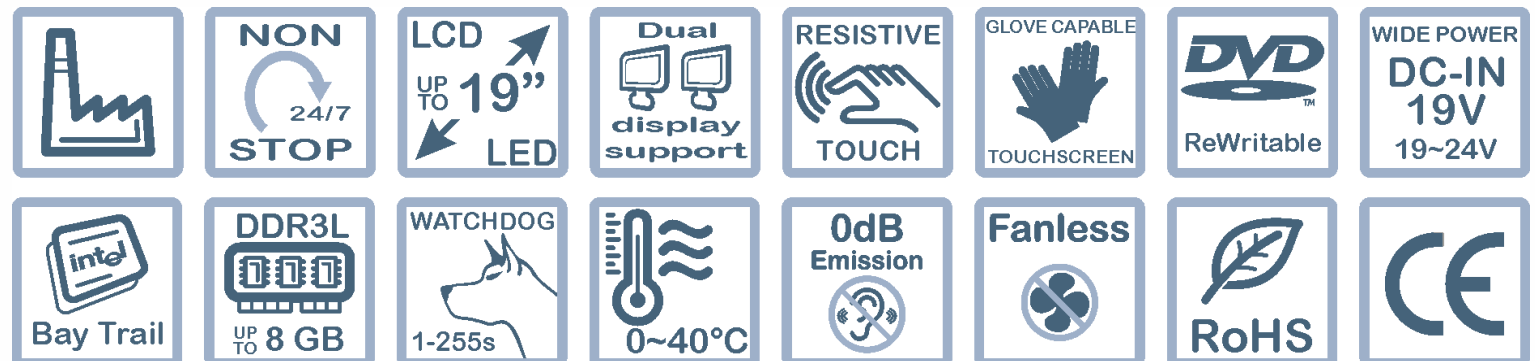


PC Panel 190 VESA

PC Panel for industrial environment



- ✓ Large 19" display with 5:4 aspect ratio.
- ✓ Chassis designed for industrial environments
- ✓ Fanless cooling system
- ✓ No acoustic impact, 0dBA emissions with SSD storage
- ✓ High availability of I/O ports: RS232/422/485, Gb LAN, USB 2.0/3.0...
- ✓ Excellent ratio between performance computing and electrical consumption thanks to Intel® Bay Trail processors





Computing unit features

System	Processor	Intel® Celeron® Processor J1900 4 Core, 4 Thread, 2M Cache, up to 2.42 GHz	
	Internal expansion slots	1 x Mini PCIe (half/full size, signals: USB,PCIe,mSATA)	
Memory	Max expansion	8GB	
	Type	DDR3L 1333MHz DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3L DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC	
	Slot	2 (dual channel)	
Back I/O interfaces	Serial	1 x RS232/422/485 (RS232 and/or power) optional 1 x RS232 optional	
	USB	1 x USB 3.0/2.0/1.1 3 x USB 2.0/1.1	
	LAN	2 x RJ45	
	Video	1 x DVI-I	
	Audio	1 x Jack 3.5mm (Line-Out)	
	Power	1 x DC-IN	
	Button	1 x Power switch with power led	
	Storage	Storage bay	1 x HDD/SSD SATA 2.5"
		HDD/SSD	1 x mSATA SSD
		ODD	1 x Slim DVD+/-RW Drive
Graphics subsystem	Controller	SATA 2 3.0Gb/s, max 2 storage devices	
	Integrated graphics adapter	Intel® HD Graphics	
	Supported features	DirectX 11.1, OpenGL 4.0, OpenCL 1.2	
Audio subsystem	Resolution	DVI-I: 24-bit, up to 1920x1080@60Hz	
	Integrated audio adapter	High Definition Audio (Codec Realtek ALC888)	
Management	Integrated speakers	Optional	
	Watchdog timer	Software programmable from 1 to 255s	
	Wake On Events	WOL (Wake On Lan) Wake by RTC (Wake by date/time) AC power failure recovery	
Network subsystem	Integrated LAN adapter	2 x Intel® I210 PCI Express Gigabit Ethernet controller Integrated 10/100/1000 transceiver Fully compliant with : IEEE 802.3, 802.3u, 802.3ab	
Power supply	Input voltage	Tolerance : From 19V DC to 24V DC	
	AC Adapter	AC Input:100-240V 1.8A, 50-60Hz DC Output:19V 6.32A	
	Power consumption	Average 17W @ 75% stress (only processing unit)	
Software	Supported operating system	Windows 7 / 7 Emb. 32bit & 64bit Windows 8.1 / 8.1 Emb. Pro 64bit Windows 10 / 10 IoT Ent. 64bit	

Display and touchscreen features

19"

19"	Panel type	a-Si TFT active matrix LCD	
	Size	19"	
	Aspect Ratio	5:4	
	Pixel HxV	1280X1024	
	Pixel Pitch	0.294x0.294mm	
	Color	16.7M	
	Contrast ratio	1000:1	
	Brightness	250 cd/m ²	
	Response time	5ms	
	Viewing angle	Horizontal 170° - Vertical 160°	
	Power consumption	14W (only display & touch unit)	
	Touchscreen	Type	Resistive 5 wires
		Interface	USB

Mechanical	Fixing method	VESA 100
	Dimensions	See next pages
Environment	Operating temp.	0°C ~ +40°C with SSD storage 5°C ~ +40°C with HDD storage
	Non operating temp.	-10°C ~ +60°C
	Relative humidity	20% ~ 90% Not condensed
Certifications	Reference marks	CE, RoHS
	Directive	Built according to European Directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS)
Company	Reference standard	UNI EN ISO 9001
Datasheet	Doc. ref.	ZST-4292-000000016-00
Ordering code		PC Panel 190 VESA, Celeron J1900, 19-24V DC IN, T/S Resistivo, C.GRIGIO 66024IN



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azienda con sistema di gestione per la qualità certificato
ISO 9001:2008

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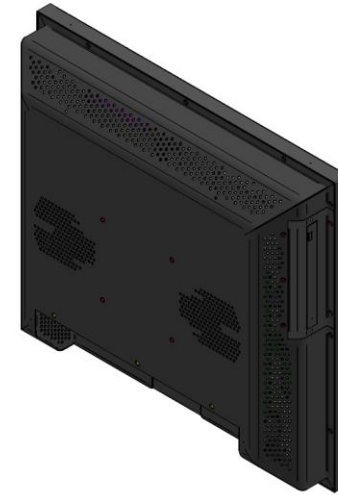
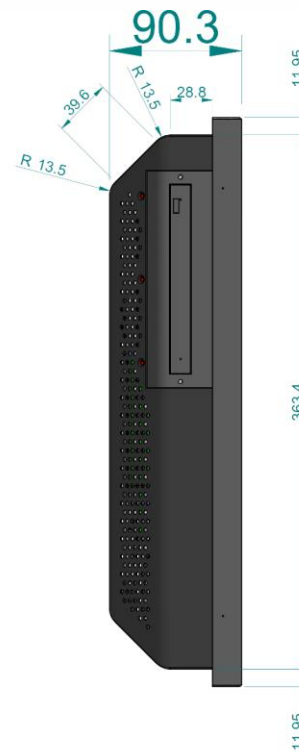
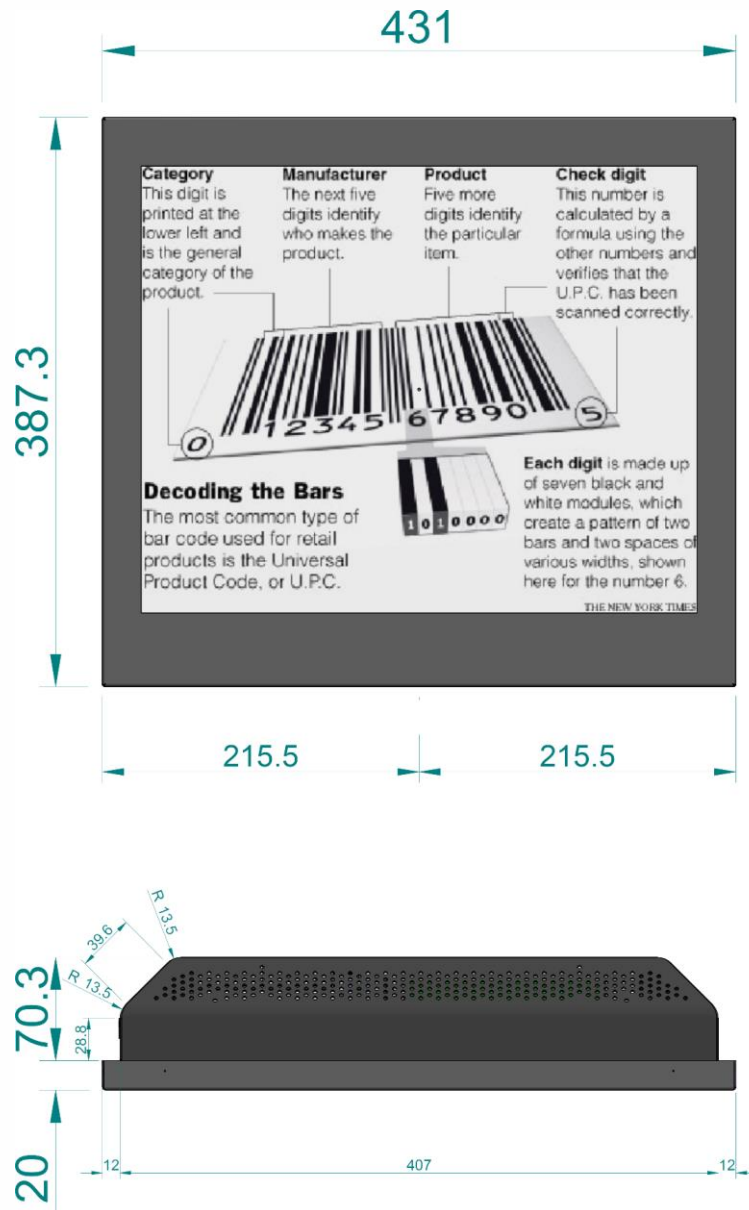
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Updated 03/10/2017

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Dimensions



All dimensions are expressed in millimeters (mm)