

OT1200

OT1200 è l'embedded panel PC fanless basato su architettura Intel® con chipset 915 GME, controller video 900 GMA e processori Celeron M ULV fino a 1GHz. Disponibile in un'ampia gamma di display LCD da 8,4" a 19", anche touchscreen, con pannelli frontali in alluminio o acciaio INOX. L'espandibilità è garantita da uno slot PCI, su cui si possono installare le schede di comunicazione ASEM NETcore® X. L'integrazione con la piattaforma software Premium HMI 4 e il SoftPLC CODESYS permette la realizzazione di applicazioni di supervisione e controllo.

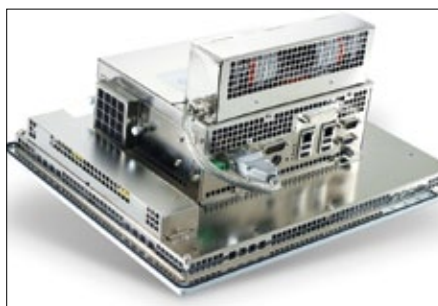


Foto 1: Frontale INOX True-Flat

Foto 2: Porte di comunicazione e UPS

Foto 3: Slot PCI

FEATURES PLUS

- ✓ 1 SLOT PCI/PC104PLUS PER SCHEDE AGGIUNTIVE
- ✓ PANNELLO FRONTALE TRUEFLAT IN ACCIAIO INOX OPZIONALE
- ✓ MECCANICA POSTERIORE A PROFONDITA' RIDOTTA OPZIONALE (OT1200-SL)
- ✓ UPS OPZIONALE
- ✓ 4 TASTI FRONTALI PERSONALIZZABILI OPZIONALI
- ✓ SALVATAGGIO DATI SU SSD/CF/HDD

HMI1200
OT1200+Premium HMI
Vedere pag.14

System characteristics				
Display	Size Type Resolution Colors Pixel pitch Backlight Luminance Contrast Viewing angle L/R/U/L Lifetime (min.)	8.4" Color LCD TFT 800x600 (SVGA) 16M 0,213x0,213mm LED 450cd/m² 600:1 80°: 80°/80°: 60° 50.000h	10.4" Color LCD TFT 800 x 600 (SVGA) 256K 0,264 x 0,264mm 2 CCFL 400cd/m² 450:1 120° H, 100° V 50.000h	12.1" Color LCD TFT 800x600 (SVGA) 16M 0,307 x 0,307mm LED 500cd/m² 800:1 80°: 80°/80°: 60° 100.000h
			12.1" Color LCD TFT 1024x768 (XGA) 16M 0,240x0,240mm LED 600cd/m² 700:1 80°: 80°/70°: 70° 50.000h	15" Color LCD TFT 1024x768 (XGA) 16M 0,297 x 0,297mm LED 450cd/m² 700:1 80°: 80°/70°: 70° 35.000h
			17" Color LCD TFT 1280 x 1024 (SXGA) 16M 0,264 x 0,264mm 2 CCFL 250cd/m² 1000:1 80°: 80°/80°: 80° 50.000h	19" Color LCD TFT 1280 x 1024 (SXGA) 16M 0,294 x 0,294mm 2 CCFL 300cd/m² 1000:1 80°: 80°/80°: 80° 50.000h
Touchscreen Optional	Technology Light transmission Lifetime Linearity deviation Interface Glass Film Glass	5 wires – analog - resistive 80% ±2% 35mln activations < 1 % Serial Optional for 12", 15" and 17"		
Motherboard	Model HW monitor Watch-dog	All-in-one, ASEM MB951/B Voltages and temperatures monitor Time programmable		
CPU	Processor FSB Cache Socket Chipset	Intel® Celeron M 600MHz 400MHz 512KB L2 Socket 478 uFC-BGA Intel® 915GME + ICH6M		
Graphic	Controller Memory	GMA900 integrated in Intel® 915GME Shared - 64MB÷128MB system selectable		
System memory	Type Size Socket	DDR2 PC5300 512 MB, 1 GB, 2 GB 1 x SODIMM module		
Video interfaces	Type	1 x VGA (DB15F)		
Serial interfaces	Type UART Transfer rate Optoisolation	1 x RS232 (DB9M) 16550 compatible (FIFO 16 byte) 115kbps max No		
Optional (note 1)	Type UART Transfer rate Optoisolation	1 x RS-232/422/485 (DB15M) 16550 compatible (FIFO 16 byte) 115Kbps max No / Yes		
Parallel interfaces Optional (note 3)	Type Connection	1 x SPP, EPP, ECP bidirectional DB25M		
PS/2 interfaces	Type	1 x PS/2 Keyboard / Mouse		
Ethernet interfaces	Type Controller	2 x 10/100/1000Mbps (RJ45) Intel 82574L		
USB interfaces	Type Transfer rate	4 x USB 2.0 (rear, TYPE-A, host port, protected), 1 x USB 2.0 (front, TYPE-A, host port, protected), 1 x USB 2.0 (internal, pin strip, host port, protected) Up to 480Mbit/s (high speed)		
Compact Flash slots	Type	1 x Type I (internal access), 1 x Type II (external access)		
Mass storage interfaces	Serial Parallel	1 x SATA 1 1,5Gb/s 1 x ATA/100 Master/Slave (dedicated for CF Slots)		
Expansion slots	Type	1 x PC/104 Plus or 1 x PCI half size		
Battery	Type Removable Lifetime	½AA Lithium (3.6V) Yes 20 years		
Buttons, leds and keys	Reset buttons LEDs Function keys	Yes Front: Power / Rear: power, HDD, system fail, watch-dog 4 programmable on front panel (optional), only for aluminum version excluded 19"		
Electrical characteristics				
Power supply	Type Input voltage Power consumption UPS	AT, Integrated on board, auto ranging 18÷36 VDC 39W @ OT1200 15" Celeron M 600MHz, T/S, 512MB RAM, CF 512MB, No add-on Optional		
Mechanical characteristics				
Case	Type Material	Panel mount Steel, nickel treatment		
Front panel (note 2)	Protection Construction Color	IP65 Aluminum alloy with polycarbonate foil PANTONE 429C		
		IP66K Stainless Steel True Flat with polyester foil RAL 7035		
Measurements mm (note 3)	8.4" 10.4" 12.1" 15" 17" 19"	Aluminium (W x H x D) 250 x 210 x 103 300 x 245 x 103 335 x 270 x 103 390 x 315 x 103 455 x 355 x 103 490 x 388 x 113	Stainless Steel (W x H x D) - - 335 x 270 x 103 398 x 315 x 103 455 x 355 x 103 490 x 388 x 113	Cutout (W x H) 230 x 190 280 x 225 315 x 250 370 x 295 435 x 335 470 x 368
				Weight (Kg) 3,1 4,0 4,6 5,3 6,7 7,3
Environmental characteristics				
Temperature	Operation Storage	0° ÷ +50°C without HDD, 0° ÷ +45°C with 17", 0° ÷ +45°C with HDD		
Humidity	Operation/Storage	80% (non-condensing)		
Warranty & Approvals				
CE	Emission Immunity Safety	Conforms to EN 55022 Information technology equipment – Radio disturbance characteristics Conforms to EN 61000-3-2 – Limits for harmonic current emissions Conforms to EN 61000-3-3 – Limits of voltage fluctuation and flicker Conforms to EN 55024 Information technology equipment – Immunity characteristics Conforms to EN 60950-1 – Information technology equipment – Safety		
UL	Marks Safety Certificate N°	 Conforms to UL-60950-1 – Information technology Equipment - Safety 2090306-E315863		
Warranty	Management Standard Extended	By ASEM headquarters 12 months 18 / 24 / 36 months (optional)		
Notes				
1	RS-232/422/485 standard and optoisolated can be installed one alternative to the other			
2	With stainless steel front panel, touchscreen is mandatory and have no USB port on the front			
3	SL (SLIM) version is 86.5mm depth – parallel interface not available			