

## HERCULES Giant

### GX35 Series

Rev5/7

The **HERCULES Giant** is a high tech modular industrial PC, which easily can be configured to meet the customers need. Type and capacity of processor up to **Pentium® M**, size of RAM and harddisk, type and size of display and type of power supply (AC or DC), all this make the **HERCULES Giant** suitable for many industrial applications. Available slots for extension boards can expand the system with additional features. In addition to connections for standard peripheral equipment, keyboard, monitor, mouse etc., the **HERCULES Giant** can be operated using a touchscreen, thus eliminating the need for a keyboard. The completely sealed housing without a fan, makes the **HERCULES Giant** meet the IP specified protection norms. To reduce the need for additional boards 4 serial ports are on board. The **HERCULES Giant** can operate in rough industrial environments.





## Technical Details GX35 Series

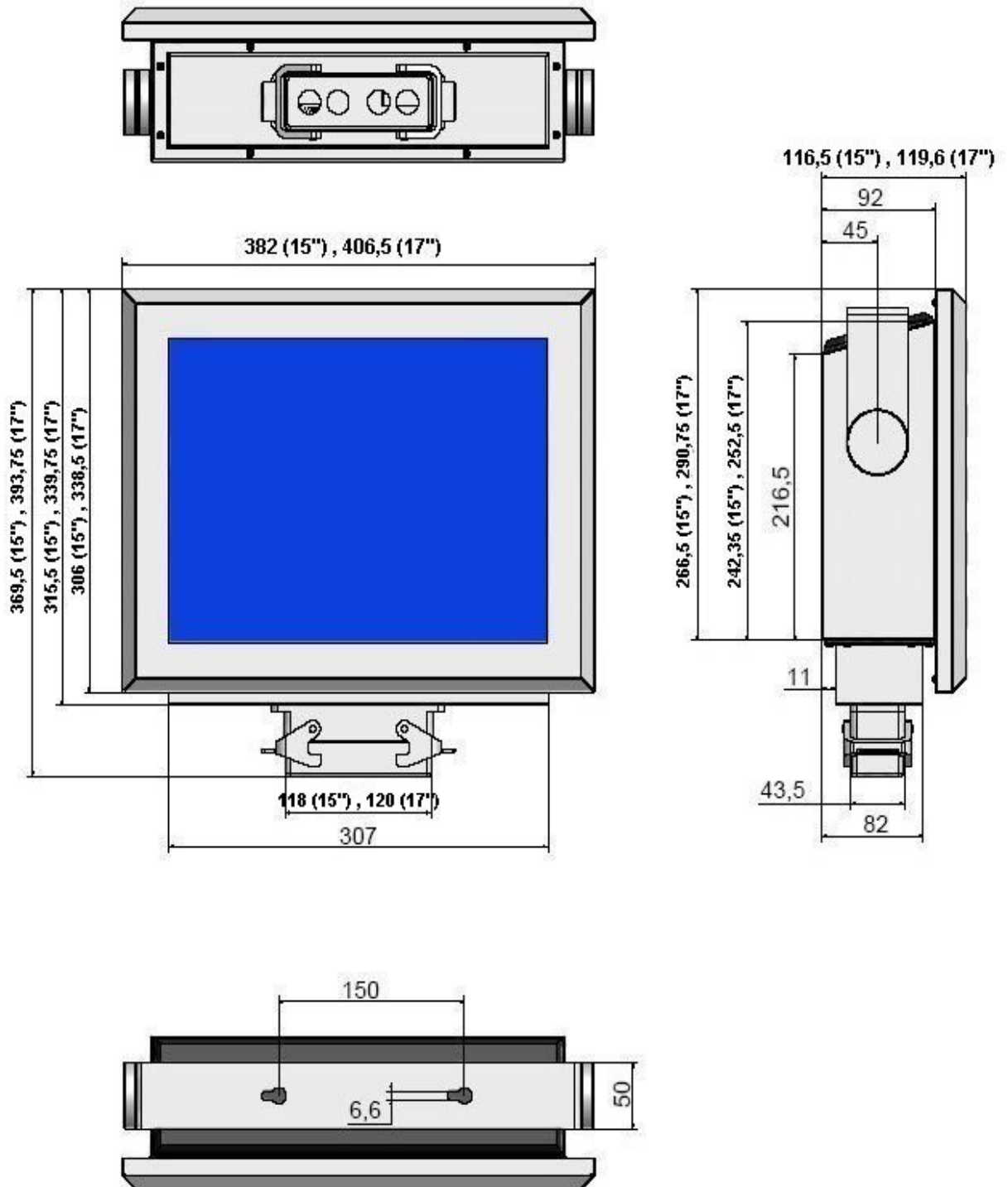
Systemdaten	Processor	Intel Celeron-M 600MHz	Intel Pentium M 1.1GHz
	FSB	400MHz	400MHz
	Chipsatz	Intel 855 GME	Intel 855 GME
	RAM	max. 1GB DDR-SDRAM SO-DIMM	max. 1GB DDR-SDRAM SO-DIMM
	Cache	512kB 2 <sup>2</sup> Level	1MB 2 <sup>2</sup> Level
	Video Controller	Intel Extreme Graphics 2 with true 2D and 3D acceleration Dual Channel LVDS	Intel Extreme Graphics 2 with true 2D and 3D acceleration Dual Channel LVDS
	Video RAM	max. 32MB (UMA)	max. 32MB (UMA)
	max. resolution LCD	1600 x 1200	1600 x 1200
	max. resolution CRT	2048 x 1536	2048 x 1536
	Network-Controller	Intel 82562	Intel 82562
	Audio Controller	VIA VT1612A, Soundblaster compatible	VIA VT1612A, Soundblaster compatible
	Operating-Systems	Windows 98, Windows 2000, Windows XP, Windows NT, Linux	Windows 98, Windows 2000, Windows XP, Windows NT, Linux
Displays	integrated high brightness Color-TFT LCD with wide viewing angle	15" Version: 1024 x 768 Pixel resolution, 16,2 Mio. Colors brightness: 430Cd, contrast ratio 400:1 25ms typ. Response time	15" Version: 1024 x 768 Pixel resolution, 16,2 Mio. Colors brightness: 430Cd, contrast ratio 400:1 25ms typ. Response time
		17" Version: 1280 x 1024 Pixel resolution, 16,7 Mio. Colors brightness: 280Cd, contrast ratio 1000:1 25 ms typ. Response time	17" Version: 1280 x 1024 Pixel resolution, 16,7 Mio. Colors brightness: 280Cd, contrast ratio 1000:1 25 ms typ. Response time
Touchpanel		analoge resistive Touchpanel with extended transparency (>80%), for temperatures from -20° to +70°, surface hard coated against abrasion	analoge resistive Touchpanel with extended transparency (>80%), for temperatures from -20° to +70°, surface hard coated against abrasion
		Touchcontroller	onboard, connected to a separate port (COM5)



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Mass Storage	Harddisk	2,5" automotive Harddisk 40 GB (up to 80 GB)	2,5" automotive Harddisk 40 GB (up to 80 GB)
	2,5" IDE Flashdisk Floppy-Drive CD/DVD-Drive CD- or DVD Burnerr other storage medias (CF, SD, MMC, ...)	up to 4GB external on USB-Interface external on USB-Interface external on USB-Interface optional on internal PC-Card Slot (2x Typ II) with adapters	up to 4GB external on USB-Interface external on USB-Interface external on USB-Interface optional on internal PC-Card Slot (2x Typ II) with adapters
Interfaces	COM Ports	4x RS232, optional RS422/RS485	4x RS232, optional RS422/RS485
	parallel Port USB Ports IDE Interface Keyboard/Mouse	1x LPT 2x USB 2.0 2x E-IDE combined PS/2 connector (Y-cable will be delivered with)	1x LPT 2x USB 2.0 2x E-IDE combined PS/2 connector (Y-cable will be delivered with)
	CRT	1x VGA external	1x VGA external
Network	RJ45	10/100base-T Ethernet on board	10/100base-T Ethernet on board
	OPTION :Wireless LAN (IEEE 802.11b or .11g)	PC-Card WLAN Adapter internal, Dipol-Antenna external  with PCI-WLAN Adpater (e.g. Cisco)	PC-Card WLAN Adapter internal, Dipol-Antenna external  with PCI-WLAN Adpater (e.g. Cisco)
Slots	PCI/ISA	1x PCI 2.1 and 1x PCI/ISA (PCI 2.1)	1x PCI 2.1 and 1x PCI/ISA (PCI 2.1)
	Cardbus	Cardbus Slot 2x Typ II	Cardbus Slot 2x Typ II
Mediainterface	MIC-In	Mic-In for Mikrophone connection (e.g. Headset)	Mic-In for Mikrophone connection (e.g. Headset)
	Line Out Amplifier	Line Out for external speakers integrated stereoamplifier with 2W	Line Out for external speakers integrated stereoamplifier with 2W
Power Supply	110/240V <sub>AC</sub> 50/60Hz wide input range	internal, fanless 80W power supply	internal, fanless 80W power supply
Housing	Device	coloured steel	coloured steel
		front part amplified, thereby exteme warp resistant and extended breakage safety for Touchpanel or glass	front part amplified, thereby exteme warp resistant and extended breakage safety for Touchpanel or glass
	Mounting Size Weight	side mounted bracket with knurled screw see dimensioned sketch 15": 9,0kg; 17": 9,5kg;	side mounted bracket with knurled screw see dimensioned sketch 15": 9,0kg; 17": 9,5kg
Environment conditions	Operating-Temperature	0°C to +45°C	0°C to +45°C
	Storage-Temperatur Humidity (Operating)	-10°C to +60°C 10% to 90% relative humidity (not condens- ing)	-10°C to +60°C 10% to 90% relative humidity (not condens- ing)
	Humidity (Storage)	5% to 95% relative humidity (not condensing)	5% to 95% relative humidity (not condensing)
Certificates		CE Certificate of Conformity	CE Certificate of Conformity
	proofed on: EMC-Directive: 89 / 336 / EEC	EN 55022/5.1995 class A, EN 50082-2/3.1995, VCCI class A, CISPR 22 class A, 47 CFR Part 15 Subpart B (FCC), AS/NZS 3548 class A, EN 60950	EN 55022/5.1995 class A, EN 50082-2/3.1995, VCCI class A, CISPR 22 class A, 47 CFR Part 15 Subpart B (FCC), AS/NZS 3548 class A, EN 60950

## Sizes GX35 Series



all sizes in mm