Impact 3100

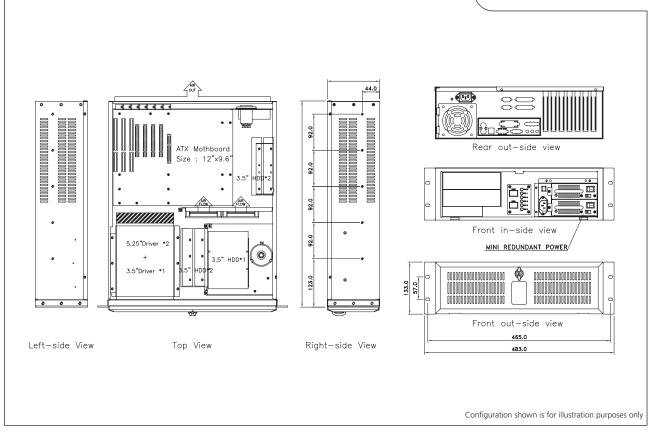
Features

The Impact 3100 series computers are powered by Intel® based commercial motherboards, delivering a compact and flexible computer platform

- Intel® Comet Lake CPU architecture
- DDR4 Memory up to 128GB
- Supports 3 native displays simultaneously

Our production processes are controlled under ISO 9001 and every system undergoes a full diagnostic burn-in prior to shipment.

Dimensions



PC Industriels et Instrumentation

AmpliconFrance.com

pour l'industrie

Amp

Tél: 04 37 28 30 34

Fax: 09 57 51 85 01

Impact 3100

er Amplicon Liveline Limited accepts no responsibility for any problems caused by errors and omissions. Specifications are subject to change without notice. The information is believed to be accurate. H

Specifications

Issesser Specification Proceedings Proceedings Proceedings Proceedings Specification Specification Proceedings Proceedings Proceedings Specification Adv Proceedings Proceedings Proceedings Specification Adv Proceedings Proceedings Proceedings Specification DP12 resolution up to 4006/2304 & 601e Proceedings Proceedings Proceedings Specification DP12 resolution up to 4006/2304 & 601e Proceedings Proceedings Proceedings Specification DP12 resolution up to 4006/2304 & 601e Proceedings Proceedings Proceedings Specification DP12 resolution up to 4006/2304 & 601e Proceedings Proceedings Proceedings Specification DP12 resolution up to 4006/2304 & 601e Proceedings Proceedings Proceedings Specification Total three councy 4.33**100 & 11 rul heipt DV0, or 5.135*100 & 800 & 900 Proceedings Proceedings Proceedings Specification Total three councy 4.33**100 & 11 rul heipt DV0, or 5.135*100 & 800 & 900 Proceedings Proceedings Proceedings Specification Total three councy 4.33**100 & 11 rul heipt DV0, or 5.13*10*10 & 900 & 9				
InstructureChapter Index 8400 Merrory 44:00M-mar 1286 BDM-3351Me mon-ECC Merrory 44:00M-mar 1286 BDM-3351Me mon-Har 1286 BDM-3351Me BDM-335	Hardware Specification	Supports Intel® 14nm Supports Intel® Turbo Boost Technology 2.0*1 Chipset: Intel® B460 Memory: 4 x DIMM - max 128GB DDR4 2933MHz non-ECC	Environmental storage	
Incol AM Doplay DP12 resolution up to 4096/234 @ 601e Stoage** Total Dire capacity 44.35* HDD. 6.1 is fall heigh DVD, of 5.3.35* HDD. 6.1 is fall heigh DVD. Fall heigh DVD. Fall heigh DVD. DVD. Fall heigh DVD. Total Heigh DVD. DVD. Fall heigh DVD. Total Heigh DVD. DVD. Fall heigh DVD. Total Heigh DVD. DVD. Fall heigh DVD. Total Heigh DVD. DVD. Fall heigh DVD. DVD. Fall heigh DVD. DVD. Fall heigh DVD. DVD. Fall heigh DVD. DVD			Compatibility	EN55024 Industrial severity (where applicable) Electrostatic discharge immunity test (EN61000-4-2) ±4kV Contact, applied to enclosure port ±8kV Air, applied to enclosure port ±4kV Indirect, applied to coupling plane Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3) 80-1000MHz, 10 V/m (RMS, no modulation) 80% Modulaton with 1kHz Sine wave Electrical fast transient/burst immunity test (EN61000-4-4) Power port AC, inc. protective earth Severity ±2kV Surge Immunity test (EN61000-4-5) Power port AC, inc. protective earth Immunity to conducted disturbances induced by radio frequency fields (EN61000-4-6) Power port AC, inc. protective earth via CDN M3 0.15-80MHz, 10 V/m (no modulation) 80% Modulation wi th 1kHz Sine wave, applied via CDN type M3 Voltage dips, short interrupts and voltages variations immunity tests (EN61000-4-11) Power port AC >95% Reduction, 0.5 Periods >30% Reduction, 25 Periods 295% Reduction, 25 Periods Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limitation of voltage changes, voltage fluctuations and flicker (EN 61000-3-3) Amplicon own a fully equipped EMC facility and can pr ovide many additional
Interface Description of the set of t	BIOS	AMI		
storage** Total Dive capacity 43.35 HDD & 1 x 41 height DVG or x 3.35 HDD & 1 x 50 HD & 1 x 43.55 HDD & 1 x 43.5	Display	DP1.2: resolution up to 4096x2304 @ 60Hz		
System Expansion 1 x Clx x15 dt (rexion 3.02.0) 1 x M2 M key StaPCIc System Architecture Sevenity -22V applied line to earth System Architecture Intel® Based commercial motherboard Immunity to conducted disturbances induced by radio frequency fields System Architecture Intel® Based commercial motherboard Power port AC, inc. protective earth via CDN M3 Supported O/S Windows 10Linux Voltage digs, short interrupts and voltages variations immunity tets External Interfaces Front: 2 x USB 2.01.1 OVID fS wrich, Reet! Pwr/HDD LEDB Supported D/S Voltage digs, short interrupts and voltages variations immunity tets Rest: 1 x NV-D 1 x biplay/ort 1 x NDM diffy fort 1 x ND	Storage* ³⁴	1 x Slim DVD 1 x M.2 Socket 3, with M Key, type 224222602280 storage devices support (SATA mode & X4 PCIE mode) 1 x M.2 Socket 3, with M Key, type 224222602280 storage devices support (x4 PCIE mode) Intel® Optane [™] Memory Ready.		
Intel® Based commercial motherboard Power port AC, inc. protective earth via CDN M3 System Architecture Intel® Based commercial motherboard Supported OS Windows 10/Linux External Interfaces Front: 2 x USB 2 0/.1 OrO/OS Switch, Reset PwrHpD LEDs Voltage dips, short interrupts and voltages variations immunity tests (EV61000-4-11) Power port AC > 95% Reduction, 25 Periods > 30% Reduction, 25 Periods > 30% Reduction, 25 Periods > 30% Reduction, 25 Periods Intel® Jack 2 with DEDS Rear: 1 x K52 keyboard/mouse combo port(s) 1 x VD-D 1 x VD-D 3 x Audio jack(s) Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limits for harmonic with the Site Class A Limits for harmonic with the Site Class A Limits for harmonic with the Site Class A Limits and the site of t	System Expansion	2 x PCle x1 slots (revision 3.0/2.0) 1 x M.2 M key Sata/PCle		
External Interfaces Front: 2 x USB 2.01.1 OnOPT Switch, Reset hwr/HDD LEDs Rear: 1 x PS2 keyboard/mouse combo port(s) 1 x DV-D 1 x DisplayPort 1 x LAN (R45) port(s) 4 x USB 3.2 Gen 1 Type-A 2 x USB 3.2 O 1 Type-A 3 x Audio jack(s) Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limitation of voltage changes, voltage fluctuations and flicker (EN 61000-3-3) Amplicon own a fully equipped EMC facility and can provide many additional texts to meet your requirements. Mechanical Design: EIA RS-310C 19* Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable for large orders) Dimensions: 438(W) x 138(H) x 526(D)mm (19:0* x 52* x 20:7*) Packaging Size: 588(W) x 288(H) x 703(D/m (21) x 11.2* x 27.7*) Tolel drive capacity: 2 x 5.25*, 1 x 3.5* external, 4 x 3.5* internal Cooling: 1 x 80mm, 2 x 52mm ball bearing fan trifter: removale(washable) Gross Weight: approximately 498(B(A) sound pressure at 23*C (typical) Temperature 5: to 45*C (used for extended operation up to 50*C) Reliability System MTBF: Critical components failure >45×C, 00 hrs @ 25*C (we can provide information for specific configurations), full burn-in diagnostir cun	System Architecture			
External Interfaces Front: 2 X USB 2.01.1 OrVOFT SWitch, Reset NewHDD LEDs Rear: 1 X PSZ keyboard/mouse combo port(s) 1 X DV-D 1 X DV-D 1 X DV-D 1 X DV-D 1 X DV-D 1 X LDN (R45) port(s) 4 X USB 3.2 Gen 1 Type-A 2 X USB 2.0 1 X LDN (R45) port(s) 4 X USB 3.2 Gen 1 Type-A 2 X USB 2.0 3 X Audio jack(s) Safety Safety of information technology equipment (EN 61000-3-2) Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements. Mechanical Design: EIA R5-310C 19* Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Construction: 250 Priods Voltage: 90 - 264 VAC full range Frequency 47-63Hz Input current: 80 / 4.0.0 for 115 / 230 VAC Innsib	Supported O/S	Windows 10/Linux		
4 x USB 3.2 Gen 1 Type-A 2 x USB 2.0 Safety Safety of information technology equipment (EN 60950) CE Marked 3 x Audio jack(s) Electrical Ratings Voltage: 90 ~ 264 VAC full range Mechanical Design: EIA RS-310C 19* Rackmount Standard Electrical Ratings Voltage: 90 ~ 264 VAC full range Frequency: 47-63Hz Input current: 80/4.0A for 115 / 230 VAC Input current: 80/4.0A for 115 / 230 VAC Color: Black (custom colours available for large orders) Dimensions: 433(W) x 133(H) x 526(D)mm (19.0* x 5.2* x 20.7*) Packaging Size: Safety of information technology equipment (EN 60950) Seaw(W) x 285(H) x 703(D)mm (23.1* x11.2* x 27.7*) Total drive capacity: 25.5.2*, 11 x 3.5* external, 4 x 3.5* internal Cooling: 1 x Born aximum secondary loading: 400W* Active FPC EMI noise filter Over power / voltage / current protection Sorts Weight: approximately 18 kg Sort circuit protection Short circuit protection Temperature: 5 to 45°C (tested for extended operation up to 50°C) Reliability System MTBF: Critical components failure >45,000 hrs @ 25°C (we can provide information for specific configurations), Full burn-in diagnostic run	External Interfaces	2 x USB 2.0/1.1 On/Off Switch, Reset Pwr/HDD LEDs Rear: 1 x PS/2 keyboard/mouse combo port(s) 1 x DV-D 1 x DisplayPort 1 x HOMI		
Mechanical Design: EIA RS-310C 19* Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Frequency: 47-63Hz Input current: 8.0 / 4.0A for 115 / 230 VAC Input current: 8.0 / 4.0A for 115 / 230 VAC Security: Lockable front door Color: Black (custom colours available for large orders) Dimensions: PSU maximum secondary loading: 400W* 483(W) x 133(H) x 526(D)mm (19.0* x 5.2* x 20.7*) Packaging Size: S88(W) x 285(H) x 703(D)mm (23.1* x11.2* x 27.7*) Total drive PSU maximum secondary loading: 400W* Active PFC EMI noise filter Over power / voltage / current protection Short circuit protection Short circuit protection Aritilter: removeable (washable) *Higher rated and DC power supply options are available. We recommend that you discuss your power requirements before placing your order. Environmental operation Acoustic noise: Approximately 49dB(A) sound pressure at 23°C (typical) Reliability System MTBF: Critical components failure >45,000 hrs @ 25°C (we can provide information for specific configurations), Full burn-in diagnostic run		4 x USB 3.2 Gen 1 Type-A 2 x USB 2.0	Safety	
Temperature: 5 to 45°C (tested for extended operation up to 50°C) provide information for specific configurations). Full burn-in diagnostic run	Mechanical	Design: EIA RS-310C 19* Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Color: Black (custom colours available for large orders) Dimensions: 483(W) x 133(H) x 526(D)mm (19.0* x 5.2* x 20.7*) Packaging Size: 588(W) x 285(H) x 703(D)mm (23.1* x 11.2* x 27.7*) Total drive capacity: 2 x 5.2* nt x 3.5* external, 4 x 3.5* internal Cooling: 1 x 80mm, 2 x 92mm ball bearing fan Air filter: removeable (washable)	Electrical Ratings	Frequency: 47–63Hz Input current: 8.0 / 4.0A for 115 / 230 VAC Inrush current: 80A max PSU maximum secondary loading: 400W* Active PFC EMI noise filter Over power / voltage / current protection Short circuit protection *Higher rated and DC power supply options are available. We recommend
Humidity: 5 to 90% at 25°C non-condensing on every system.	Environmental operation		Reliability	provide information for specific configurations). Full burn-in diagnostic run

*1 Depend on CPU type *2 Supports up to 3 independant screens *3 SATA III 6Gb/s *4 2.5" and caddy options available

AmpliconFrance.com

PC Industriels et Instrumentation pour l'industrie



Fax: 09 57 51 85 01