

MODEL: Amil-W1730bHB-OB-S8

FEATURES

- **1U Military-Grade Rackmount Design**
- **17.3" Full HD Display** with 1920 × 1080 resolution
- **1000 nits High-Brightness Panel** for enhanced visibility in bright environments
- **Optical Bonding** for improved display clarity, contrast, and durability
- **6H AR Glass** for anti-reflection and added surface protection
- **Integrated Silicone Keyboard and Trackball** for convenient operation
- **8-Port Combo DB-15 KVM Switch** with retaining crossbar
- **8 × 6 ft AB-6 KVM Cables Included**
- **Wide-Range 9–36V DC Power Input** via 3-pin MIL-lock connector
- **Rugged Military-Grade Construction** for demanding applications
- **Operating Temperature:** 0°C to 50°C
- **MIL-STD-810F/G Compliant** for enhanced durability in harsh environments

SPECIFICATIONS

Direct no. of Computers		8	
Maximum no. of Computers		232(Daisy Chain)	
LCD	Size	17.3”	
	Backlight	LED	
	Resolution	1920*1080 Full HD (support resolution up to 1920x1200)	
	Max.color	262K	
	Luminance	1000cd/m2	
	View Angel (H/V)	140 / 120	
	Contrast Ratio	650 : 1	
Port Selection		Push Button, Hotkey	
USB Local Console		N/A	
KB/Mouse Emulation		USB & PS2	
Rack Depth		450 mm to 650mm (rack cabinet front rails to rear rails)	
Power		9~36V DC via 3 pins lock connector	
Environment (MIL-STD-810G)		Operation temp: 0 to 50°C	(MIL-STD-810, Method 501.5 & 502.5)
		Storage temp: -20 to 60°C	(MIL-STD-810, Method 501.5 & 502.5)
		Humidity: 10% - 90%, non-condensing	(MIL-STD-810, Method 507.5)
		Shock/Vibration: Procedure VI, 50G @ 11ms	(MIL-STD-810, Method 516.6)
		Altitude: 10,000 ft Operational, 30,000 ft Storage	(MIL-STD-810, Method 500.5)
Physical Dimensions / Net Weights		482x43x460mm (WxHxD) /14KG	
Packing Dimensions / Gross weights		605x168x700mm (WxHxD) /17KG	
Accessories			
1 x 1.8 Power cable (+, - wire) with lock connector			

Specifications subject to change without notice, not responsible for typographical errors.

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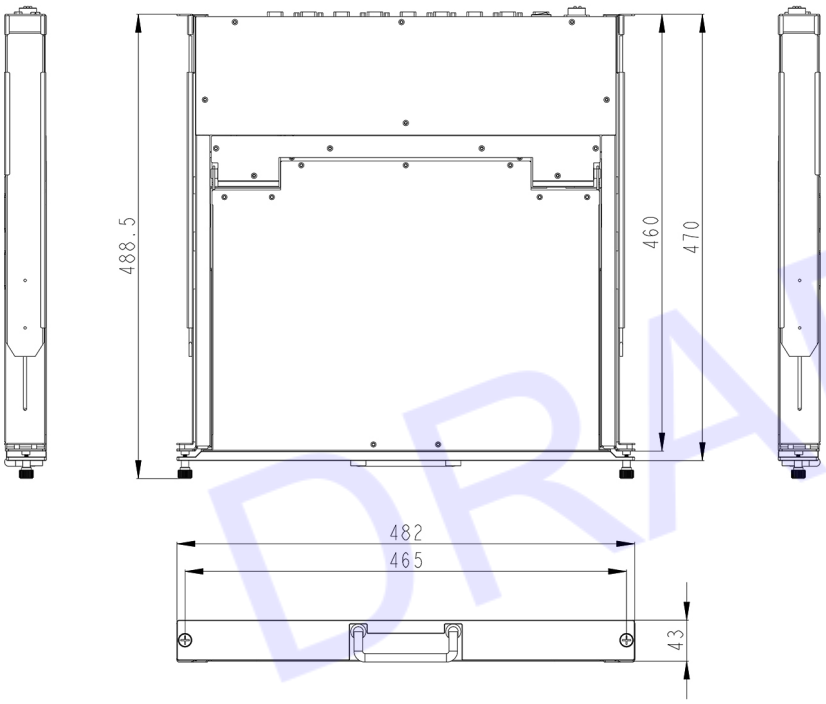


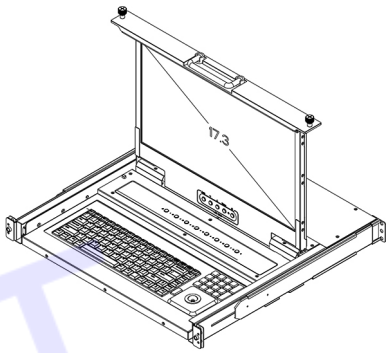
KEYBOARD SPECS

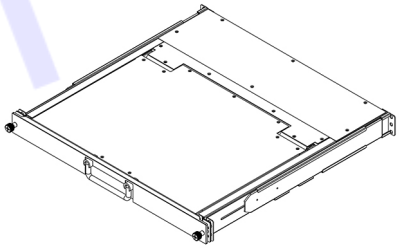
Button Keys	Key Force: 120 ± 10 g Key Travel: 1.5mm ± 0.2 mm Keyswitch Lifetime: ≥2 million operations
Keyboard functions	User is notified of 'lock down mode' by brightly lit ON/OFF Clean Key
Backlit	LED Selectable Backlit Key field 4-levels of brightness
Pointing Device	Trackpad mouse cursor manipulation Resolution: 400DPI Trackball diameter: 19MM Number of trackball output axes: 2 axis (X, Y axis) ACCELERATION: 20g
PCB	Thickness: Double sided 2.4 mm Material: FR4/Bakelite ,Dual Layer Gold Flashed PCB Flammability: 94V0
Enclosure	Material: 100% Silicone rubber Hardness: 45± 3 degrees Flammability: FV- 0 Heat resistance: 200 ° at 10,000 hours of continuous use; Cold resistance: -50 degrees to -70 degrees still has good elasticity
Electrical Characteristics	Working Voltage: +5V DC±10% Working Current when LEDs off: +5V DC @ 50mA Working Current when LEDs on: +5V DC @ 250mA,
Operating Temperature and Humidity	Temperature: -20°C to 70°C Humidity: 100%
Storage Temperature and Humidity	Temperature: -30°C-70°C Humidity: 100%
Moisture Test	Protection level: IP68
Heat Cycle Test	Temperature: -30 ±2°C for 1 hour and then 80 ±2°C for 1 hour Storage time: 10 cycles. After this test the keyboard shall be left in room temperature for 1 hour. Judging Criteria: No functional defect should be found.
Drop Test	Number of Drops: 6 times Height: 100 cm Direction: 6 faces. Floor surface: Carpet. Judging Criteria: No functional defect should be found
Regulations and Certifications	EMC (Electro Magnetic Compatibility)

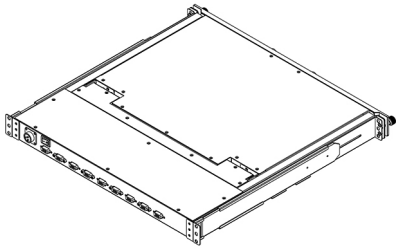
MECHANICAL DRAWINGS

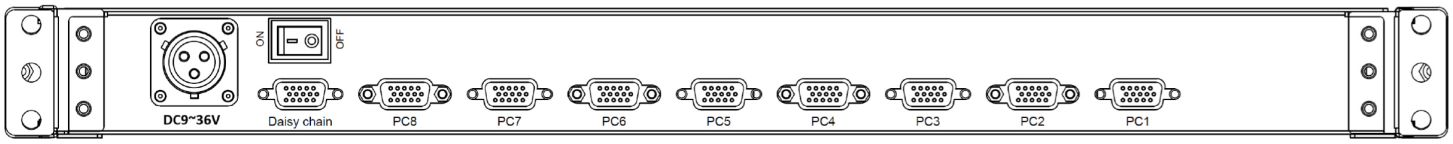
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.











Drawing no.: Amil-W1730bHB-OB-S8-09232026-V1

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