## TDS1039H(1000nits)

Open-Frame touchscreen Monitor



## **Features**

- + Zero bezel, open-frame structure
- + Front panel and touchscreen sealing
- + 1000nits high brightness LCD
- + Resolution 1280X800@60Hz
- + 10-touch Projected Capacitive touchscreen
- + Anti-UV optical adhesive bonding
- + Anti-glare surface treatment on the cover
- + Onboard light sensor function(optional)
- + Brightness changes with ambient light
- + Temperature control cooling fan module
- + Video interface: HDMI+VGA
- + Reserve side and back assembly holes
- + Easy to remove OSD, easy to update
- + Support OS:Windows/Android/Linux
- + 2-year Warranty

## **Optional:**

- No touchscreen
- Infrared sunscreen film
- Brightness:700-1200nits
- Videointerface:DP
- ALL-IN-ONE(Android/Windows)





Diagonal   10.1" (16:10)     Color	1039Н Н	High Brightness Open-Frame Touchscreen Monitor
Active Area	Diagonal	10.1" (16:10)
Native Resolution	Color	Metal silver
Number of Colors       16.2 msec         Viewing Angle       Horizontal: 85°/170°; Vertical: 85°/170°         Contrast Ratio       800:1         Brightness       LCD: 1000nits; Touchscreen: 900nits         Light sensor       Automatically adjust the brightness of the screen according to the ambient light.         (Optional)       *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.         *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.         Response       25ms         Number of Touches       PCAP - 10 Touch         Glass treatment       AG coating         Touch Accuracy       2mm         I/O Interface       1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD         Input Voltage       AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%         Power Supply       12V5A(Power Jack : 2. 1mmx5.5mm)         Power Consumption       ON (Typical - 100% Brightness): 21W         SLEEP FROM PC (monitor + adapter): 1.5 W         Cooling method       Cooling fan set         Temperature control       The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)         *When the internal temperature reaches > 30°C, start the fans.         *When the temperature dops <30°C,s	Active Area	216.96(W)×135.6(H) mm
Viewing Angle         Horizontal: 85°/170°; Vertical: 85°/170°           Contrast Ratio         800:1           Brightness         LCD: 1000nits; Touchscreen: 900nits           Light sensor         Automatically adjust the brightness of the screen according to the ambient light.           *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.           *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.           Response         25ms           Number of Touches         PCAP-10 Touch           Glass treatment         AG coating           *Jointerface         1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD           Input Voltage         AC: 100-240 VAC,50:60 Hz; +12VDC +/-5%           Power Supply         12V5A(Power Jack: 2. Immx5.5mm)           Power Supply         12V5A(Power Jack: 2. Immx5.5mm)           ON (Typical)         ON (Typical - 100% Brightness): 21W           Cooling method         Cooling fan set           Temperature control         The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)           *When the internal temperature reaches > 30°C, start the fans.           *When the temperature drops <30°C, stop the fans.	Native Resolution	1280X800@60Hz
Contrast Ratio       800:1         Brightness       L.CD: 1000nits; Touchscreen: 900nits         Light sensor       Automatically adjust the brightness of the screen according to the ambient light.         (Optional)       *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.         *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.         Response       25ms         Number of Touches       PCAP - 10 Touch         Glass treatment       AG coating         Touch Accuracy       2mm         I/O Interface       1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD         Input Voltage       AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%         Power Consumption       ON (Typical - 100% Brightness): 21W         SLEEP FROM PC (monitor + adapter): 1.5 W         Cooling method       Cooling fan set         Temperature control       The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)         *When the internal temperature reaches > 30°C, start the fans.         *When the temperature drops <30°C, storage: 20°C-70°C         Humidity       Operating: 0°C-50°C; Storage: 10%-80%         MOUNTING Options       Back VESA holes: 75mmX75mm         MTBF       50,000 hour	Number of Colors	16.2 msec
Brightness       LCD: 1000nits; Touchscreen: 900nits         Light sensor       Automatically adjust the brightness of the screen according to the ambient light.         *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.       *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.         Response       25ms         Number of Touches       PCAP - 10 Touch         Glass treatment       AG coating         Touch Accuracy       2nm         Iput Voltage       AC: 100-240 VAC,50/60 Hz; +12VDC.1*R,145 OSD         Input Voltage       AC: 100-240 VAC,50/60 Hz; +12VDC.+/- 5%         Power Supply       12V5A(Power Jack: 2. Immx5.5mm)         Power Consumption (Typical)       ON (Typical - 100% Brightness): 21W         SLEEP FROM PC (monitor + adapter): 1.5 W         Cooling method       Cooling fan set         Temperature control       The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)         *When the internal temperature reaches > 30°C, start the fans.         *When the temperature drops <30°C, storage: -20°C-70°C         Humidity       Operating: 0°C-50°C; Storage: -20°C-70°C         Humidity       Operating: 0°C-50°C; Storage: 10%-80%         MTBF       50,000 hours	Viewing Angle	Horizontal: 85°/170°; Vertical: 85°/170°
Light sensor (Optional)  Automatically adjust the brightness of the screen according to the ambient light.  *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.  *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.  Response  PCAP - 10 Touch  PCAP - 10 Touch  AG coating  1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD  Input Voltage  Input Voltage  AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%  Power Supply  Power Consumption (Typical)  Cooling method  Cooling flan set  The fan speed will be controlled based on the internal temperature to achieve cooling function; ⟨accuracy: ≤2*C⟩  *When the internal temperature reaches > 30°C, start the fans.  *When the internal temperature reaches > 30°C, start the fans.  *When the internal temperature reaches > 30°C, storage: -20°C-70°C  Humidity  Operating: 20%-70%; Storage: -10%-80%  Mounting Options  Back VESA holes: 75mmX75mm  MTBF  Dimensions  260,2X178.5X46(mm)  Weight(net.)  ZKG  Windows/Linux\Android  Agency Approvals  Automatically adjust the brightness; will automatically reduce the brightness of the display to avoid excessive glare and save energy.  *When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.  *When the display brightness will be automatically educed to make the content clearly visible.  *When the display brightness will be automatically educed to make the content clearly visible.  *Agency Approvals  Accolonally 1*PAPA 1*PAPA 1*PAPA 1*PAPA 1*PAPA 1*PAPAPA 1*PAPA 1*PAPAPA 1*PAPA 1*PAPAPA 1*PAPA	Contrast Ratio	800:1
*When the ambient light is weak, it will automatically reduce the brightness of the display to avoid excessive glare and save energy.  *When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.  Response 25ms  Number of Touches PCAP - 10 Touch  Glass treatment AG coating  I/O Interface 1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD  Input Voltage AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%  Power Supply 12V5A(Power Jack : 2. Immx5.5mm)  Power Consumption (Typical) SLEEP FROM PC (monitor + adapter): 1.5 W  Cooling method Cooling fan set  Temperature control The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2*°C)  *When the internal temperature reaches > 30°C, start the fans.  *When the temperature drops <30°C, stop the fans.  Temperature Operating: 0°C-50°C; Storage: -20°C-70°C  Humidity Operating: 20%-70%; Storage: 10%-80%  Mounting Options Back VESA holes: 75mmX75mm  MTBF 50,000 hours  Dimensions 260.2X178.5X46(mm)  Weight(net.) 2KG  Warranty 2-year  Support OS Windows/Linux\Android  Agency Approvals FCC; CE; ROHS;	Brightness	LCD: 1000nits; Touchscreen: 900nits
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*When the ambient light is strong, the display brightness will be automatically enhanced to make the content clearly visible.  Response  Number of Touches  PCAP - 10 Touch  Glass treatment  AG coating  Touch Accuracy	(Optional)	*When the ambient light is weak, it will automatically reduce the brightness of the display
make the content clearly visible.  25ms  Number of Touches  Glass treatment  Touch Accuracy  22mm  I/O Interface  1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD  Input Voltage  AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%  Power Supply  12V5A(Power Jack : 2. Immx5.5mm)  Power Consumption  (Typical)  Cooling method  Cooling fan set  Temperature control  The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)  *When the internal temperature reaches > 30°C, start the fans.  *When the temperature drops <30°C, stop the fans.  Temperature  Operating: 0°C-50°C; Storage: -20°C-70°C  Humidity  Operating: 20%-70%; Storage: 10%-80%  Mounting Options  Back VESA holes: 75mmX75mm  MTBF  50,000 hours  Dimensions  260.2X178.5X46(mm)  Weight(net.)  2KG  Warranty  2-year  Support OS  Windows/Linux\Android  FCC; CE; ROHS;		
Number of Touches       PCAP - 10 Touch         Glass treatment       AG coating         Touch Accuracy       ≥mm         I/O Interface       1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD         Input Voltage       AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%         Power Supply       12V5A(Power Jack : 2. Immx5.5mm)         Power Consumption (Typical)       ON (Typical - 100% Brightness): 21W         (Typical)       SLEEP FROM PC (monitor + adapter): 1.5 W         Cooling method       Cooling fan set         Temperature control       The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)         *When the internal temperature reaches > 30°C, start the fans.         *When the temperature drops <30°C, stop the fans.		make the content clearly visible.
Glass treatment	Response	25ms
Touch Accuracy    20mm	Number of Touches	PCAP - 10 Touch
	Glass treatment	AG coating
Input Voltage  AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%  Power Supply  12V5A(Power Jack : 2. Immx5.5mm)  ON (Typical - 100% Brightness): 21W  SLEEP FROM PC (monitor + adapter): 1.5 W  Cooling method  Temperature control  The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)  *When the internal temperature reaches > 30°C, start the fans.  *When the temperature drops <30°C, stor the fans.  Temperature  Operating: 0°C-50°C; Storage: -20°C-70°C  Humidity  Operating: 20%-70%; Storage: 10%-80%  Mounting Options  Back VESA holes: 75mmX75mm  MTBF  50,000 hours  Dimensions  260.2X178.5X46(mm)  Weight(net.)  2KG  Warranty  2-year  Support OS  Windows/Linux\Android  Agency Approvals  FCC; CE; ROHS;	Touch Accuracy	≤2mm
Power Supply $12V5A(Power Jack : 2.1mmx5.5mm)$ Power Consumption (Typical)ON (Typical - $100\%$ Brightness): $21W$ SLEEP FROM PC (monitor + adapter): $1.5$ WCooling methodCooling fan setTemperature controlThe fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: $\leq 2^{\circ}$ C) *When the internal temperature reaches > $30^{\circ}$ C, start the fans. *When the temperature drops $< 30^{\circ}$ C, stop the fans.TemperatureOperating: $0^{\circ}$ C- $50^{\circ}$ C; Storage: $-20^{\circ}$ C- $70^{\circ}$ CHumidityOperating: $20\%$ - $70\%$ ; Storage: $10\%$ - $80\%$ Mounting OptionsBack VESA holes: $75mmX75mm$ MTBF $50,000$ hoursDimensions $260.2X178.5X46(mm)$ Weight(net.) $2KG$ Warranty $2$ -yearSupport OSWindows/Linux\AndroidAgency ApprovalsFCC; CE; ROHS;	I/O Interface	1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*RJ45 OSD
Power Consumption (Typical)       ON (Typical - 100% Brightness): 21W SLEEP FROM PC (monitor + adapter): 1.5 W         Cooling method       Cooling fan set         Temperature control       The fan speed will be controlled based on the internal temperature to achieve cooling function; (accuracy: ≤2°C)         *When the internal temperature reaches > 30°C, start the fans.         *When the temperature drops <30°C, stop the fans.	Input Voltage	AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%
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MTBF 50,000 hours Dimensions 260.2X178.5X46(mm)  Weight(net.) 2KG  Warranty 2-year  Support OS Windows/Linux\Android  Agency Approvals FCC; CE; ROHS;		
Dimensions       260.2X178.5X46(mm)         Weight(net.)       2KG         Warranty       2-year         Support OS       Windows/Linux\Android         Agency Approvals       FCC; CE; ROHS;	Mounting Options	Back VESA holes: 75mmX75mm
Weight(net.)  Warranty  2-year  Support OS  Agency Approvals  Vindows/Linux\Android FCC; CE; ROHS;	MTBF	50,000 hours
Warranty 2-year Support OS Windows/Linux\Android Agency Approvals FCC; CE; ROHS;	Dimensions	260.2X178.5X46(mm)
Warranty 2-year Support OS Windows/Linux\Android Agency Approvals FCC; CE; ROHS;	Weight(net.)	2KG
Support OS Windows/Linux\Android Agency Approvals FCC; CE; ROHS;		2-year
Agency Approvals FCC; CE; ROHS;	-	Windows/Linux\Android
What's in the Box 1*USB cable, 1*HDMI cable, 1*Power adapter, 1*DC cable, 1*RJ45 OSD Remote		
	What's in the Box	1*USB cable, 1*HDMI cable, 1*Power adapter, 1*DC cable, 1*RJ45 OSD Remote

## Notes:

- 1.Recommend customers to use light sensors to effectively save energy and extend backlight life
- 2.If conditions allow, please avoid installing the product in an area exposed to direct sunlight. Use cantilevers or point products away from sunlight to reduce environmental stress on the product and extend its life.
- 3.Please maintain good ventilation on the back of the monitor and do not block the heat dissipation holes and fan blades.

