Overview

HP Engage One Top Mount 2x20 CFD

Models

HP Engage One Top Mount 2x20 CFD (Black)	1RL95AA
HP Engage One Top Mount 2x20 CFD (White)	3GS18AA

Introduction
Frame easily readable price, product, and order information for customers on the HP Engage One Top Mount 2x20 CFD, HP's smallest and thinnest CFD, designed to complement your HP Engage One AiO System. It has cleanable edge-to-edge glass and customizable colors and fonts so you can personalize your content.

Key Features and Benefits
- Reflect your unique brand with the choice of 20 backlit colors along with the ability to change background and font colors independently.
- User can create custom color as desired, based on red green blue color combination.
- Never before has a customer display integrated so beautifully. It has a clean and unique space saving design.
- Supports Complex and Non-Complex Characters.

Overview

Compatibility
The HP Engage One Top Mount 2x20 CFD is compatible with HP Engage One AiO System.

NOTE: Not all HP Retail Systems are available in all regions.

Service and Support
Three (3) year limited warranty with advance exchange when purchased from HP. Additional HP Care Pack Services options are available to extend warranty coverage.

Technical Specifications

General	Display Type	TFT LCD
	Resolution	480(W) x 3(RGB) x 64(H) Pixel Dots
	Average Brightness	600 cd/m²
	Display Mode	Alphanumeric: 20 digits x 2 lines
	Character Dot Matrix	24x32 dots for 20 x 2
	Dot Size (X *Y)	0.279 (W) x 0.281 (H) mm
	Character Type	Alphanumeric and Compound (2-Bytes) Words
	Character Size	9.0 (H) mm x 6.7 (W) mm
	User Define Character	96 characters

Language

Compound (2-Bytes Words):

Arabic
Japanese
Korean
Persian
Simplified Chinese
Traditional Chinese

Alphanumeric:

Bosnian
Croatian
Czech
Danish
Dutch
English (US)
Estonian
Faroese
Finnish
Flemish
French
French Canadian
German
Greek
Hebrew
Hungarian
Icelandic
Indonesian
International English
Irish
Italian
Katakana
Latvian
Lithuanian
Norwegian
Polish
Portuguese
Romanian
Russian
Slovak
Slovene
Spanish
Swedish
Turkish

Technical Specifications

	Viewing Direction	12 O'clock : Customer application 6 O'clock: Gray scale inversion
	Viewing Area	135.28 (W) * 19.0 (L)
	Viewing Angle	θ_L Φ= 180˚ (9 o'clock) 70 degree θ_R Φ= 0˚ (3 o'clock) 70 degree θ_T Φ= 90˚ (12 o'clock) 50 degree θ_B Φ= 270˚ (6 o'clock) 70 degree
	Command Modes	ADM788, AEDEX, CD5520, DSP880, EMAX, Epson, LD540, Logic Control, UTC/P / UTC/S
Mechanical	**Product Dimensions**	157.47 (W) x 34.47 (H) x 12.9 (D) mm (6.2 x 1.36 x .51 in) (metal bracket for inserting to platform excluded)
	Panel Dimensions	148.9 (W) x 29.1 (L) x 3.35 (H) (5.86 x 1.15 x .132 in)
	Net Weight	Approx. 110 grams (3.88 oz)
	Color	Ebony Black or Ceramic White
Interface/Connection	**Interface**	USB
	Baud Rate	Direct connection 9600
Power	**Voltage (typical)**	5VDC +/-10%
	Current consumption (typical)	400mA
Reliability	**MTBF**	30,000 hours
Operating Systems (Compatible with)	**Windows** Windows 10 IoT Enterprise for Retail (64-bit)* Windows 10 Pro (64-bit)* **Linux** Red Hat/Centos 6 and 7 (32-bit and 64-bit) Suse Linux® Enterprise POS 11 SP3 (32-bit and 64-bit) Ubuntu 14.04 LTS (32-bit and 64-bit)	
Drivers	Windows USB COM, OPOS, JPOS	
Certifications	FCC, CE, VCCI, RCM, KCC, ICE, CSA, EAC	
Kit Contents	HP Engage One Top Mount 2x20 CFD, 2 screws	

* Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

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Summary of Changes

Date of change:	Version History:		Description of change:
January 14, 2018	From v1 to v2	Added	New part number and model colors
August 1, 2018	From v2 to v3	Changed	Product name