

# DLAP-3000-CFL Series (Preliminary)

*Embedded System supporting MXM Graphics Module with 8<sup>th</sup>/9<sup>th</sup> Generation Intel® Core™ i7/i5/i3 in LGA1151 Socket*

## Features

- ADLINK MXM Graphics module support (Type A/B, up to 120W)
- 8<sup>th</sup>/9<sup>th</sup> Gen Intel® Core™ i7/i5/i3, Celeron® processor
- Dual SODIMMs for up to 64GB DDR4 non-ECC memory (dependent on CPU)
- DisplayPort (2 from CPU, 4 from MXM)
- 1x M.2 E key supporting 1630 or 2230 for Wi-Fi/Bluetooth module, 1x M.2 B key supporting 2242 or 2280 for SATA storage module
- Reliable Molex type 12V DC-in connector



## Software Support

- Windows 10 IoT Enterprise CBB 64-bit
- Ubuntu 16.04 LTS

## Optional Accessories

- 2.5" SATA SSD/HDD, M.2 Storage
- Wireless Module  
Wi-Fi/Bluetooth/4G LTE wireless kit (w/ antenna)
- 240W AC/DC Adapter

## Ordering Information

Model	MXM Support	Chipset	DC-in
DLAP-3000-CFP1	EGX-MXM-P1000	H310	12V
DLAP-3000-CFP2	EGX-MXM-P2000	H310	12V
DLAP-3000-CFP12	EGX-MXM-P1000/2000 (not incl.)	H310	12V
DLAP-3000-CFP3	EGX-MXM-P3000	H310	12V
DLAP-3000-CFP5	EGX-MXM-P5000	H310	12V
DLAP-3000-CFP35	EGX-MXM-P3000/5000 (not incl.)	H310	12V

## Specifications

Model	DLAP-3000-CFP1	DLAP-3000-CFP2	DLAP-3000-CFP3	DLAP-3000-CFP5
	DLAP-3000-CFP12*		DLAP-3000-CFP35*	
MXM Support	EGX-MXM-P1000	EGX-MXM-P2000	EGX-MXM-P3000	EGX-MXM-P5000
Processor	Intel® Core™ i7-9700TE, 1.8GHz 12M Cache, 35W TDP, LGA1151, DDR4 2666MHz support (8C/8T) Intel® Core™ i7-8700T, 2.4GHz 12M Cache, 35W TDP, LGA1151, DDR4 2666MHz support (6C/12T) Intel® Core™ i5-8500T, 2.1GHz, 9M Cache, 35W TDP, LGA1151, DDR4 2666MHz support (6C/6T) Intel® Core™ i3-8100T, 3.1GHz, 6M Cache, 35W TDP, LGA1151, DDR4 2400MHz support (4C/4T) Intel® Celeron® G4900T, 2.9GHz, 2M Cache, 35W TDP, LGA1151, DDR4 2400MHz support (2C/2T)			
Chipset	Intel® H310 Chipset			
Memory	Non-ECC DDR4 2666/2400MHz, 2x SO-DIMM, up to 64GB (dependent on CPU) system memory			
<b>I/O Interfaces</b>				
Display	6x DisplayPort (2 from CPU, 4 from MXM)			
Ethernet	1x GbE (Intel® i219-LM), 3x GbE (Intel® i210-AT)			
Serial Ports	1x RS-232/422/485, 1x RS-232			
USB	4x USB 3.1 Gen1 ports, 4x USB 2.0 ports			
M.2	1x M.2 E key supporting 1630 or 2230 for Wi-Fi/BT module, 1x M.2 B key supporting 2242 or 2280 for SATA storage module			
Digital IO	Default: w/o DIO Option: 1x DI/DO with 4 in, 4 out, one ground pin , and one power pin (no power/5V/12V, 0.5A by BIOS selection)			
Audio	Default: w/o Audio Option 1: Mic-in, Line-out, Line-in Option 2: Mic-in, L/R speaker-out (6W + 6W) Option 3: Line-in, L/R speaker-out (6W + 6W)			
TPM 2.0	Optional			
eSIM	Optional			
<b>Storage</b>				
SATA	2x 2.5" SATA 6Gb/s external drive bays 1x SATA 6Gb/s signal via M.2 B key connector			
<b>Mechanical</b>				
Dimensions	235 x 182 x 75mm (W x D x H)			
Mounting	Optional wall-mount bracket			
<b>Power Supply</b>				
DC Input	DC 12V input (Molex DC-in jack)			
AC Input	Optional: 240W (12V/20A) AC/DC adapter			
<b>Environmental</b>				
Operating Temperature	0°C to 50°C (W/MXM, W/SSD)			
Storage Temperature	-20°C to 60°C			
Humidity	10% to 90%, non-condensing			
EMC	EN55032/EN55024			
Safety	UL/cUL, CB, CCC			

\*Note: These models do not include an MXM graphics module.