

To all of our customers and partners;

**Re: Hardware Change notice. Motherboard, CPU.**



This is an official hardware change notice for i3's U20, U30/U3i and UR-series of NVRs. Please refer to the reference table below for the component change comparison.

**DFI Motherboard CMS310-W480E, i3 Edition**





Please note that i3's current DFI motherboard (KD331-C236) is being replaced with the next generation (CMS310-W480E, i3 Edition) effective immediately. This industrial motherboard features a total of 4 SATA 3.0 inputs, 6 USB 3.2 ports and built-in audio ports. **DFI CMS310-W480E (i3 Edition)** motherboard supports up to 128GB of RAM.

This motherboard supports 3 display outputs: 1 VGA, 1 HDMI (4K-ready), and 1 Dual-Mode DisplayPort (4K-ready). All three video outputs can be used simultaneously.

Motherboard specification comparison:

	Previous: DFI KD331-C236 (i3 Edition)	New: DFI CMS310-W480E (i3 Edition)
Back panel		
Form factor	microATX	microATX
CPU Supported	6 <sup>th</sup> Generation Intel Core, Xeon processor E3 v6	10 <sup>th</sup> Generation Intel Core, Intel Xeon W Processor
LAN	Dual NIC	Dual NIC
On-board Video	<ul style="list-style-type: none"> <li>- VGA</li> <li>- DVI-D</li> <li>- Display Port++ (4K-ready)</li> </ul> Note: DisplayPort Dual-Mode - use simple passive adapters to connect to HDMI or DVI displays. DP to HDMI cable included in the NVR accessories.	<ul style="list-style-type: none"> <li>- VGA</li> <li>- HDMI (4K-ready)</li> <li>- Display Port++ (4K-ready)</li> </ul> Note: HDMI to HDMI cable included in the NVR accessories
On-board Audio	Mic, Line Out - separate card	Mic, Line Out - built-in
USB 2.0	2	0
USB 3.0	4	0
USB 3.2 Gen1	0	2
USB 3.2 Gen2	0	2
SATA 3.0	5	4
m.2 Support	1	1
PCIe x16, PCIe x4	2, 2	2, 2

Max. RAM supported	64GB	128GB
OS Supported	Windows 10 IoT, Professional	Windows 10 IoT Enterprise 64-bit

Component	Current	October 12, 2021
<b>i5 CPU (U20, UR5, UR5-Ai)</b>	i5-7500 (7 <sup>th</sup> generation)	i5-10500 (10 <sup>th</sup> generation)
Image		
<b>Xeon CPU (U30, U3i, URX, URX-Ai)</b>	Xeon E3-1245v6	Xeon W-1270
Image		

All new components meet or exceed i3’s rigorous functionality and durability standards and will ensure that i3’s NVR lines continues delivering the best performance in its class.

With any pricing questions, kindly contact our Customer Care department at 1.866.840.0004.  
 i3 International Technical Support and Services  
 Email: [support@i3international.com](mailto:support@i3international.com)  
 Tel.: 1.877.877.7241  
 Live Chat: <http://i3chat.i3international.com/chat>

CONTACT US

[www.i3international.com](http://www.i3international.com)

Toll free: 1.866.840.0004  
 Tel: 416.261.2266  
 Fax: 416.759.7776

CANADA

**i3 International Inc.**

780 Birchmount Rd, Unit 16  
 Toronto, Ontario  
 M1K 5H4, Canada

USA

**i3 America (Nevada) Inc.**

4001 Cobb International Boulevard,  
 Kennesaw, GA 30152