

July 13, 2022

To all of our customers and partners;



**Re: UR series Hardware Change notice. Motherboard, CPU, Graphics card, OS drive.**

This is an official hardware change notice for i3's UR-series of the NVRs.  
Models impacted: **UR5, URX, UR5-Ai, URX-Ai.**







As previously [announced](#), Intel M10JNP2SB motherboard was deployed as a temporary measure to address the global computer component shortages. The gradual transition back to our DFI CMS310 motherboard-based suite of components begins immediately, with UR NVR series.

Please see the list of transitioning components below.



Motherboard specification comparison:

	<b>Current, Temporary: INTEL M10JNP2SB</b>	<b>Returning to DFI CMS310-W480E (i3 Edition)</b>
Back panel		
Form factor	microATX	microATX
CPU Supported	9 <sup>th</sup> Generation Intel Core Intel Xeon E Processor	10 <sup>th</sup> Generation Intel Core, Intel Xeon W Processor
LAN	Quad NIC	Dual NIC
On-board Video	<ul style="list-style-type: none"> <li>- VGA</li> <li>- Display Port++ (4K-ready) x2</li> </ul> Note: DP++ to HDMI 6ft M/M cable included in the NVR accessories. i3 Part number: BA61	<ul style="list-style-type: none"> <li>- VGA</li> <li>- HDMI (4K-ready)</li> <li>- Display Port++ (4K-ready)</li> <li>- Note: HDMI to HDMI cable included in the NVR accessories</li> </ul>
On-board Audio	None	Mic, Line Out – built-in
USB 3.1	4	0
USB 3.2 Gen1	0	2
USB 3.2 Gen2	0	2
SATA 3.0	8	4
m.2 Support	0	1
PCIe x16, PCIe x8, PCIe x4	1, 2, 0	2, 0, 2
Max. RAM supported	128GB	128GB
OS Supported	Windows 10 IoT Enterprise 64-bit	Windows 10 IoT Enterprise 64-bit

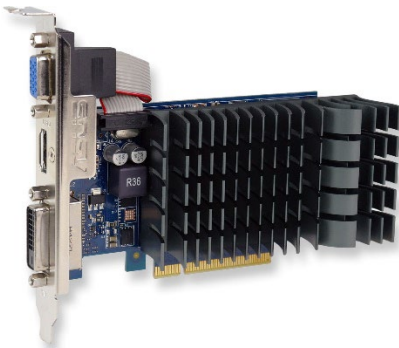

CPU specification comparison:

Component	Current, Temporary	Returning to
<b>i5 CPU (UR5, UR5-Ai)</b>	i5-9400 (9 <sup>th</sup> generation)	i5-10500 (10 <sup>th</sup> generation)
Image		
<b>Xeon CPU (URX)</b>	Xeon E-2134; Xeon E-2136	Xeon W-1270
Image		
<b>Xeon CPU (URX-Ai)</b>	Xeon E-2144G; Xeon E-2126G, E-2244G	Xeon W-1270
Image		

OS drive specification comparison:

Component	Current, Temporary	Returning to
<b>OS drive</b>	Kingston SEDC500R, 480GB	m.2 Transcend TS256GMTS800, 256GB
Image		

Graphics specification comparison:

Component	Current, Temporary	Retuning to
<b>Video output: URX only</b>	Asus VCX GT730-SL	DFI CMS310-W480E on-board built-in
<b>Image</b>		

All 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

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