Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Contact us

intel

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Intel® Xeon® Processor E3-1225V2 (8M Cache, 3.20 GHz)

SPECIFICATIONS

All
Essentials
Memory Specifications
Graphics Specifications
Expansion Options
Package Specifications
Advanced Technologies

COMPATIBLE PRODUCTS

ORDERING / **SSPECS** / **STEPPINGS**

Specifications

Essentials

Status	Launched
Launch Date	Q2'12
Processor Number	E3-1225V2
# of Cores	4
# of Threads	4
Clock Speed	3.2 GHz
Max Turbo Frequency	3.6 GHz
Intel® Smart Cache	8 MB
Bus/Core Ratio	32
DMI	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	AVX, SSE4.1,SSE4.2
Embedded Options Available	Yes
Lithography	22 nm
Max TDP	77 W
Recommended Customer Price	TRAY: $209 BOX : $224

Memory Specifications

Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3-1333/1600
# of Memory Channels	2
Max Memory Bandwidth	25.6 GB/s
ECC Memory Supported	Yes

Graphics Specifications

Processor Graphics	Intel® HD Graphics P4000
Graphics Base Frequency	650 MHz
Graphics Max Dynamic Frequency	1.25 GHz
Intel® Quick Sync Video	Yes
Intel® InTru™ 3D Technology	Yes
Intel® Flexible Display Interface (Intel® FDI)	Yes
Intel® Clear Video HD Technology	Yes
# of Displays Supported	3

Expansion Options

PCI Express Revision	3.0
PCI Express Configurations	1x16 & 1x4, 2x8 & 1x4 or 1x8 & 3x4

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• **No Datasheet Available**
• **Search Distributors**

ADDITIONAL INFORMATION

SUPPORT AND DOWNLOADS

Software Downloads >
Support Overview >

PCN/MDDS INFORMATION

Package Specifications
*Trademarks

Max CPU Configuration	1
Sockets Supported	FCLGA1155
Low Halogen Options Available	See MDDS

Advanced Technologies

Intel® Turbo Boost Technology		2.0
Intel® vPro Technology		Yes
Intel® Hyper-Threading Technology	🔎	No
Intel® Virtualization Technology (VT-x)	🔎	Yes
Intel® Virtualization Technology for Directed I/O (VT-d)	🔎	Yes
Intel® Trusted Execution Technology	🔎	Yes
AES New Instructions	🔎	Yes
Intel® 64	🔎	Yes
Idle States		Yes
Enhanced Intel SpeedStep® Technology	🔎	Yes
Intel® Demand Based Switching		Yes
Thermal Monitoring Technologies		Yes
Intel® Fast Memory Access		Yes
Intel® Flex Memory Access		Yes
Execute Disable Bit		Yes
Intel® VT-x with Extended Page Tables (EPT)		Yes

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supporting operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.

Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and for some uses, certain platform software, enabled for it. Functionality, performance or other benefit will vary depending on hardware and software configurations. Intel Virtualization Technology-enabled VMM applications are currently in development.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

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Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

Home   **Intel® Processors**   **Intel® Xeon® Processor E3 Family**   **Intel® Xeon® Processor E3-1200 Series**   E3-1225V2

Intel® Xeon® Processor E3-1225V2
(8M Cache, 3.20 GHz)

SPECIFICATIONS

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ORDERING / **SSPECS** / **STEPPINGS**

All

Ordering / **sSpecs** / **Steppings**

Retired and Discontinued

ORDERING AND SPEC INFORMATION

Ordering and Spec Information
Intel® Xeon® Processor E3-1225V2 (8M Cache, 3.20 GHz) FC-LGA12C, Tray

Socket	Step	Step TDP	Ordering Code	Spec Code	VT-x	ECCN	CCATS	US HTS	RCP
FCLGA1155	E1	77 W	CM8063701160603	SR0PJ	Yes	5A992C	G077159	8542310000-HYBRD	$209

Boxed Intel® Xeon® Processor E3-1225V2 (8M Cache, 3.20 GHz) FC-LGA12C

Socket	Step	Step TDP	Ordering Code	Spec Code	VT-x	ECCN	CCATS	US HTS	RCP
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