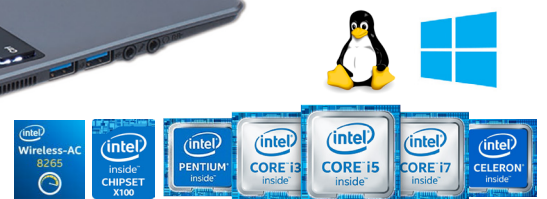










# Milena *15u*

## Setting The Pace For All-Around 15.6" Laptops

- 7<sup>th</sup> Gen Intel® Processors
  - Full HD IPS Display
  - Ultra-Fast Wi-Fi
  - Ultra-Fast PCIe SSD
  - Full Size Backlit Keyboard

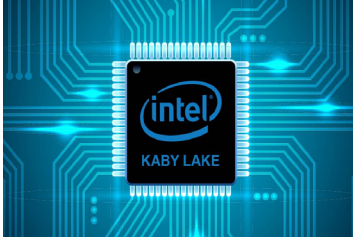


### KEY FEATURES

-  7th Generation Intel® Core i-Series, Pentium® and Celeron® Processors with Kaby Lake microarchitecture
-  15.6" Full HD 1920x1080 (16:9) IPS LED-Backlit Display
-  Up to 32GB Dual Channel DDR3L RAM at 2133 MHz memory (two 260-pin SODIMM sockets)
-  Changeable 2.5" HDD/SSD, SATA interface PLUS Optional Ultra-fast 2200MB/s PCIe Gen3X4 storage
-  Dual Band Ultra-fast AC 8265 Wi-Fi with speeds of up to 867 Mbps + Dual Mode Bluetooth
-  44Wh removable battery provides over 7 hours of continuous power
-  Guaranteed security with TPM 2.0, Intel PTT and Kensington lock
-  Full size backlit keyboard with numeric pad and crisp key pressure point

# Milena 15u by Cetrix

**Milena u-Series** represents a new breed of mobile computers that are light, slim, fast and highly versatile with sturdy construction and many connectivity, processing and storage options for the most demanding mobility applications in various fields.



## Kaby Lake Processors: Fastest, Most Feature-Rich Intel® Processors Ever

The 7th generation Core processors, released in January 2017, are called Intel's "most significant processors" for a decade, due to the enhanced power efficiency and wire-free capabilities. Introduced in the same month as the Kaby Lake and building on the U-Series of Intel's 7th generation processors using only 15W of power and including 6xx GPUs, **Milena u-Series** was designed to bring the most power and performance out of the leading-edge technologies embedded into the Kaby Lake processors in a small laptop.

**Milena 15u** is equipped with a Full HD IPS display, up to 32GB of DDR4 memory, SATA3 and PCIe Gen3 storage interface, Intel 4th Gen Ultra-fast AC Wi-Fi, USB 3.1, Bluetooth 4.2, options for 3G and 4G broadband, standard security features like TPM 2.0, Intel PTT and Kensington lock are just some of the high-grade features of **Milena 15u**.

## Connectivity You Never Experienced Before



**Milena 15u** embodies the fastest wireless chip in the market as standard feature. The Intel® Dual Band Wireless-AC 8265 delivers up to 3x faster Wi-Fi speeds (up to 867 Mbps) than 802.11n, with up to 3x more bandwidth per stream for more users and devices. It includes Dual mode Bluetooth® 4.2 that enables BR/EDR-Low Energy devices to act as a BT Smart Hub and peripheral at the same time.

With full support for Windows® 10 with Intel® WiDi and HCI drivers, you can now stream movies, videos, games, photos, connect with friends, and more with **Milena 15u** like never before.



## Super-Slim, Lightweight Design with Full Size Backlit Keyboard

All the power and advanced features of **Milena 15u** are meticulously packed in a slim, stylish shell that is 22.8mm thin. But that is not the end of **Milena 15u**'s capabilities. A Full Size backlit keyboard with numeric keys and a lineup of accessories like Docking Station, MSR and fingerprint scanners, Mini Projector, Portable Soundbar and Hi-Fi Headphone, and designer backpack and carry-in case complement this advanced and affordable 15.6" laptop from Cetrix.

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# Technical Specifications



<b>Display</b>	15.6" Full HD IPS LED-Backlit Display; 1920 X 1080 (16:9 panel, 3.8mm)	
<b>CPU</b> <sup>(1)</sup>	Intel® 7th Generation Intel® Core™ processor options: - Intel® Core™ i7-7500U processor (14nm, 2.7GHz, 4MB Smart Cache, TDP: 15W) - Intel® Core™ i5-7200U processor (14nm, 2.5GHz, 3MB Smart Cache, TDP: 15W) - Intel® Core™ i3-7100U processor (14nm, 2.4GHz, 3MB Smart Cache, TDP: 15W) - Intel® Pentium® 4415U processor (14nm, 2.3GHz, 2MB Smart Cache, TDP: 15W) - Intel® Celeron® 3965U processor (14nm, 2.2GHz, 2MB Smart Cache, TDP: 15W) - Intel® Celeron® 3865U processor (14nm, 1.8GHz, 2MB Smart Cache, TDP: 15W)	
<b>GPU</b>	Intel® HD Graphics 620 (i3/i5/i7) and 610 (Pentium®, Celeron®) - Microsoft® DirectX® 12 Compatible - Dynamic frequency - Intel® Dynamic Video Memory Technology; shared memory up to 1.7GB - Intel® InTru® 3D Technology - Intel® Quick Sync Video - Intel® Clear Video HD Technology	
<b>Memory</b>	Up to 32 GB Dual Channel DDR4 2133MHz Two 260-pin SODIMM sockets	
<b>Storage</b> <sup>(2)</sup>	Changeable 2.5" HDD/SSD, SATA interface (HDD: 500GB, 1TB, 2TB; SSD: 120GB, 250GB, 500GB, 1TB, 2TB) Option: M.2 2280 SSD, SATA or PCIe Gen2x2 or Gen3x4 interface	
<b>Operating System</b> <sup>(3)</sup>	Windows® 10 (64-bit) Linux	
<b>Camera</b>	Built-in 1.0M HD Video Camera	
<b>Audio</b>	High Definition audio interface S/PDIF digital output (S/PDIF) Built-in Array Microphone 2 Built-in Speakers	
<b>Keyboard</b>	Multi languages full size isolated backlit keyboard with numeric pad Integrated two-button touchpad with multi-gesture and scrolling function	
<b>Wireless Technologies</b> <sup>(4)</sup>	Built in 10/100/1000Mb Base-TX Gigabit Ethernet LAN Intel® Dual Band Wireless-AC 8265, 2x2 AC (Windstorm Peak 2) Dual mode Bluetooth® 4.2 (BT 2230) Options: - UMTS/HSPA+ M.2 module 3042 - LTE M.2 module 3042	
<b>Ports &amp; Connectors</b>	2 USB 3.1 ports 2 USB 2.0 port 1 HDMI 2.0 Output Port (with HDCP) 1 External VGA output Port 1 Headphone Jack 1 Microphone Jack 1 RJ-45 LAN (10/100/1000Mbps) DC-in jack	
<b>Card Reader</b>	6-in-1 Card reader: MMC/RSMC + SD/Mini-SD/SDHC/SDXC	
<b>Expansion Slots</b>	Three MiniCard Slots: - 1st slot for WLAN Combo M.2 2230 Card with PCIe and USB interface - 2nd slot for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface Option for 2nd slot: LTE or UMTS/HSPA+ Mini-card (7th Gen. Intel® i3/i5/i7 processor integrated) - 2nd for M.2 SSD 2280 Card with PCIe Gen2x2 interface (7th Gen. Intel® Pentium processor integrated) - (Optional)3rd for LTE or UMTS/HSPA+ M.2 3042 Card with US B interface	
<b>Power &amp; Battery</b> <sup>(5)</sup>	Full Range 40W AC Adapter 100~240V, 50~60Hz, DC output 19V, 2.1A Removable 4 cells Smart Lithium-Ion battery 44WH: over 7 hours capacity	
<b>Security</b>	Kensington® Lock Intel® PTT (for system without Hardware TPM) TPM 2.0	
<b>Physical Characteristics</b> <sup>(6)</sup>	377(W) X 259(D) X 22.8(H)mm 2.1Kg (with SSD drive and 44WH Battery)	
<b>Warranty</b>	2-Year Limited Warranty (Extendable to 3 Years) 1-Year Warranty on LCD Screen, 6-Month Warranty on Battery 120 Days Free Technical Support	
<b>Package</b>	Charger (selectable with UK, EU, USA plug) USB Cable Warranty Card User Manual	
<b>Optional Accessories</b>	USB 3.0 Dock & Port Replicator USB Magnetic Strip Reader (MSR) Carrying Case Backpack	Fingerprint Scanner (USB) Mini Projector (BT) Hi-Fi Stereo Headphone (BT or Wired) Portable Speaker/Soundbar (BT or Wired)

**Specifications Notes:**  
 (1) Type of CPU is specified when ordering  
 (2) A 500GB HDD is a standard component of Milena 15u  
 (3) OS is optional and can be specified when ordering for pre-installation at the factory  
 (4) Optional Cellular Modules can be included inside device  
 (5) Battery Life may vary depending on applications, configuration, different operating conditions and settings.  
 (6) Weight tolerance is +/-5%